




Your perfect choice for complete range of instant nucleic acid and protein purification, faster amplification and quicker detection needs in molecular research and diagnostics.

MOLECULAR BIOLOGY

MB

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Wee Vert® - LA1070

The “COMPLETE DEVICE” for Standard Vertical Electrophoresis

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- No More WORRIES----Casting Gels is SO EASY
- UNIQUE** • Uninhibited Polymerization with Plastic Combs
- UNIQUE** • Smaller Tank Requires Minimal Buffer Quantity

New



HiMedia’s Insta Q96® HID Software

An Open Software Tool wherein all commercially available HID kits can be processed in a single software to calculate the

Refer Page
674

- Quantity of the DNA
- Degradation Index
- Male: Female Ratio and
- Dilution of DNA for STR typing

New



Resins For Affinity Based Protein Purification

Resins for IgG Protein Purification

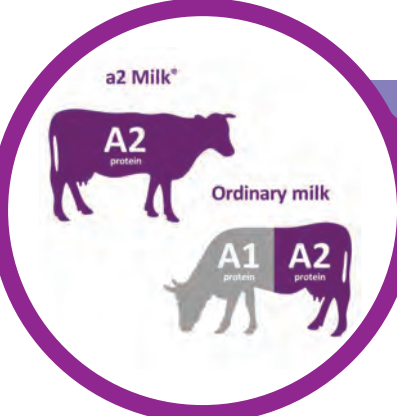
- DS0817 - Protein A Agarose
- DS0820 - Protein L Agarose
- DS0818 - Protein G Agarose

Resins for Bacterial Purification

- DS0819 - Glutathione Agarose Resin
- DS0821 - Ni-NTA Agarose Resin

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695

New



MBPCR230 - Hi-PCR® A1A2 Probe PCR Kit

- Ready-to-use kit for sensitive and specific detection
- A2 milk can be confirmed only by PCR testing
- Several studies have proven the benefits of A2 β -casein milk & the health risks of A1 β -casein milk consumption
- A2 milk has been shown to prevent obesity along with improvement in digestion & brain function

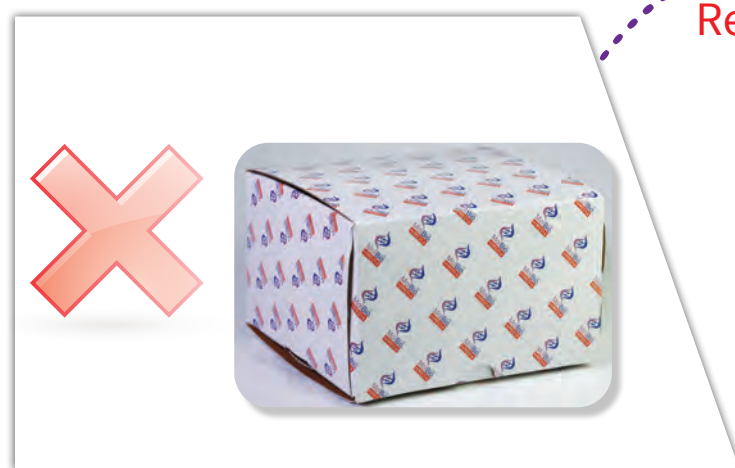
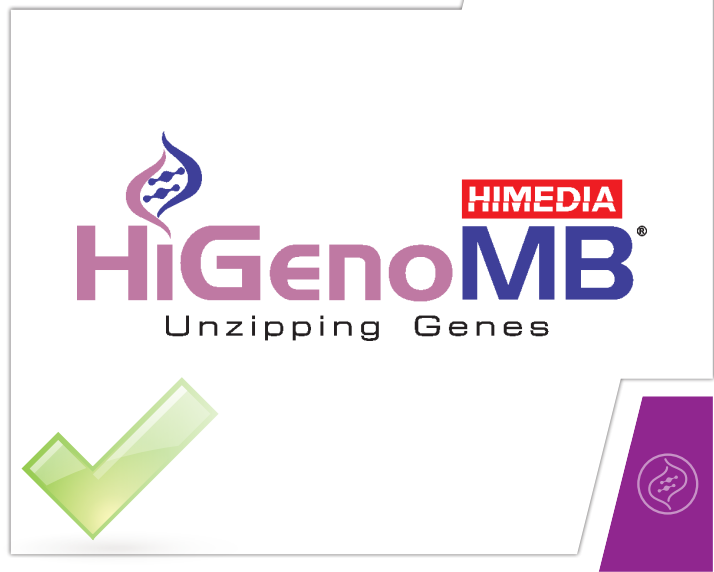
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New



Rebranded to

OUR NEW LOGO



Rebranded to

OUR NEW PACKING



* The representative image is for illustration purpose.

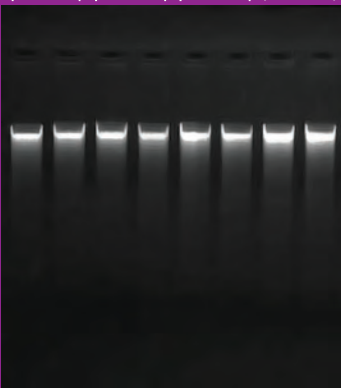
Complete Automation for Forensic Diagnostics

MB

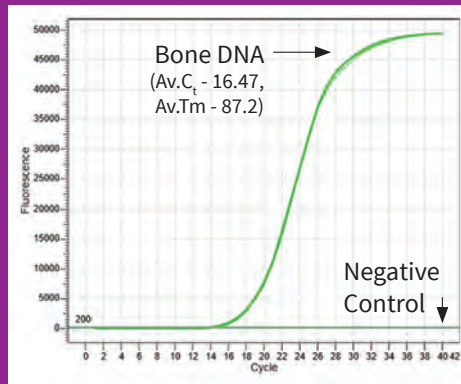


Multisample Nucleic Acid Extraction

Blood Semen Buccal Chewing
Tissue Gum



Bone DNA Amplification Plot



Insta Q96® HID Software

HiMedia's Insta Q96® HID Software is an Open Software Tool wherein all commercially available HID kits can be processed in a single software to calculate the

- Quantity of the DNA
- Degradation Index
- Male: Female Ratio and
- Dilution of DNA for STR typing

Direct PCR

MBT126
InstaDNA™ card



Identification Kits

ML189
Blood Identification



ML200
Semen Identification



Product

Code

Packing

Product

Code

Packing

GENOMICS

Isolation and Purification of Nucleic Acids

DNA Isolation Kits

DNA-XPress™ Reagent Principle : Solution Based Sample material : 1ml blood, upto 10 ⁷ cells, 50-200mg plant tissue, 50mg animal tissue. Total DNA yield : upto 50µg	MB501-100ML	100ml	HiPurA® Plant Genomic DNA Miniprep Purification Kit Principle : Column Based Sample material : 100mg plant tissue. Total DNA yield : upto 40µg See Pg. No. 685	MB507-20PR MB507-50PR MB507-250PR	20pr* 50pr* 250pr*
Blood DNA Kits			HiPurA® Plant Genomic DNA Maxiprep Purification Kit Principle : Column Based Sample material : 1g plant tissue. Total DNA yield : upto 250µg	MB520-10PR MB520-25PR	10pr* 25pr*
HiPurA® SPP Blood DNA Isolation Kit Principle : Solution Based Sample material : 50µl - 12ml whole blood. Total DNA yield : upto 700µg	◆ MB541-10ML MB541-50ML MB541-150ML MB541-300ML	10ml 50ml 150ml 300ml	HiPurA® 96 Plant Genomic DNA Purification Kit Principle : Column Based Sample material : 50 - 100mg plant tissue / well. Total DNA yield : upto 15µg / well	MB523-1X96PR	1X96pr*
HiPurA® Blood Genomic DNA Miniprep Purification Kit Principle : Column Based Sample material : 200µl whole blood. Total DNA yield : upto 12µg See Pg. No. 674, 677	◆ MB504-20PR MB504-50PR MB504-250PR	20pr* 50pr* 250pr*	HiPurA® Banana DNA Purification Kit Principle : Column Based Sample material : 200mg banana tissue. Total DNA yield : upto 50µg	MB564-20PR MB564-50PR MB564-250PR	20pr* 50pr* 250pr*
HiPurA® Blood Genomic DNA Midiprep Purification Kit Principle : Column Based Sample material : 1 - 2ml whole blood. Total DNA yield : upto 50µg	◆ MB516-10PR MB516-25PR	10pr* 25pr*	HiPurA® SuperPlant DNA Purification Kit (For purification of DNA from plants rich in polyphenols) Principle : Column Based Sample material : 200mg plant tissue. Total DNA yield : upto 50µg See Pg. No. 685	MB571-20PR MB571-50PR MB571-250PR	20pr* 50pr* 250pr*
HiPurA® Blood Genomic DNA Maxiprep Purification Kit Principle : Column Based Sample material : 10ml whole blood. Total DNA yield : upto 600µg	◆ MB517-10PR MB517-25PR	10pr* 25pr*	HiPurA® 96 SuperPlant DNA Purification Kit (For purification of DNA from plants rich in polyphenols) Principle : Column Based Sample material : 200mg plant tissue / well.	MB574-1X96PR	1X96pr*
HiPurA® 96 Blood Genomic DNA Purification Kit Principle : Column Based Sample material : 200µl whole blood / well. Total DNA yield : upto 12µg / well	◆ MB521-1X96PR	1X96pr*	Microbial DNA Kits MZ		
HiPurA® Plant DNA Isolation Kit (CTAB Method) Principle : Solution Based Sample material : 300 - 400mg plant tissue. Total DNA yield : upto 500µg	MB502-50PR	50pr*	HiPurA® Bacterial Genomic DNA Purification Kit Principle : Column Based Sample material : 1.5ml culture. Total DNA yield : upto 20µg See Pg. No. 677	MB505-20PR MB505-50PR MB505-250PR	20pr* 50pr* 250pr*
HiPurA® Cotton DNA Isolation Kit Principle : Solution Based Sample material : 100mg plant tissue. Total DNA yield : upto 12µg	MB528-50PR MB528-250PR	50pr* 250pr*	HiPurA® 96 Bacterial Genomic DNA Purification Kit Principle : Column Based Sample material : 1.5ml culture / well. Total DNA yield : upto 20µg / well	MB548-1X96PR	1X96pr*
HiPurA® Banana DNA Isolation Kit Principle : Solution Based Sample material : 200mg plant tissue. Total DNA yield : upto 50µg	MB533-50PR MB533-250PR	50pr* 250pr*	HiPurA® Streptomyces DNA Purification Kit Principle : Column Based Sample material : 10 - 15mg streptomyces sample. Total DNA yield : upto 20µg	MB527-20PR MB527-50PR MB527-250PR	20pr* 50pr* 250pr*
HiPurA® Marine Algae DNA Purification Kit Principle : Solution Based Sample material : 250 - 300mg algae.	MB561-20PR MB561-50PR MB561-250PR	20pr* 50pr* 250pr*			

* Preparations

All the Molecular Biology Products to be stored at 15-25°C except certain components specified in each kit (as specified on label)

MZ Product for microbiome research studies.

◆ CE-IVD certified

Product	Code	Packing
HiPurA® Mycobacterium tuberculosis Decontamination Kit Used to decontaminate the starting sample before performing <i>M. tuberculosis</i> DNA extraction.	◆ MB545D-20PR	20pr*
HiPurA® Mycobacterium tuberculosis DNA Purification Kit Principle : Column Based Sample material : For Cell : 5 ml culture For Tissue : 20-30 mg tissue, 1ml decontaminated sputum Total DNA yield : upto 20µg	◆ MB545-20PR	20pr*
	MB545-50PR	50pr*
	MB545-250PR	250pr*
HiPurA® Fast MTB (Mycobacterium tuberculosis) DNA Purification Kit Principle : Column Based Sample material : For Cell : 5 ml culture For Tissue : 20-30 mg tissue, 1ml decontaminated sputum Total DNA yield : upto 20µg	◆ MB579-20PR	20pr*
	MB579-50PR	50pr*
	MB579-250PR	250pr*

Plasmid DNA Kits

HiPurA® Plasmid DNA Miniprep Purification Kit Principle : Column Based Sample material : 1 - 5ml culture. Total DNA yield : upto 20µg	MB508-20PR	20pr*
	MB508-50PR	50pr*
	MB508-5X50PR	5X50pr*
HiPurA® Plasmid DNA Midiprep Purification Kit Principle : Column Based Sample material : 150ml culture. Total DNA yield : upto 100µg	MB509-10PR	10pr*
	MB509-25PR	25pr*
HiPurA® Plasmid DNA Maxiprep Purification Kit Principle : Column Based Sample material : 500ml culture. Total DNA yield : upto 500µg	MB510-10PR	10pr*
	MB510-25PR	25pr*
HiPurA® 96 Plasmid DNA Purification Kit Principle : Column Based Sample material : 1 - 2ml culture / well. Total DNA yield : upto 20µg / well	MB518-1X96PR	1X96pr*
HiPurA® Endotoxin free Plasmid DNA Miniprep Purification Kit Principle : Column Based Sample material : 1 - 5ml culture. Total DNA yield : upto 20µg	MB513-20PR	20pr*
	MB513-50PR	50pr*
	MB513-250PR	250pr*
HiPurA® Endotoxin free Plasmid DNA Midiprep Purification Kit Principle : Column Based Sample material : 150ml culture. Total DNA yield : upto 100µg	MB514-10PR	10pr*
	MB514-25PR	25pr*
HiPurA® Endotoxin free Plasmid DNA Maxiprep Purification Kit Principle : Column Based Sample material : 500ml culture. Total DNA yield : upto 500µg	MB515-10PR	10pr*
	MB515-25PR	25pr*

Yeast and Fungal DNA Kits MZ

HiPurA® Yeast Genomic DNA Purification Kit Principle : Column Based Sample material : upto 10 ⁸ cells.	MB552-20PR	20pr*
	MB552-50PR	50pr*
	MB552-250PR	250pr*

Product	Code	Packing
HiPurA® 96 Yeast Genomic DNA Purification Kit Principle : Column Based Sample material : upto 10 ⁸ cells / well.	MB555-1X96PR	1X96pr*
HiPurA® Yeast Plasmid DNA Purification Kit Principle : Column Based Sample material : upto 10 ⁸ cells.	MB550-20PR	20pr*
	MB550-50PR	50pr*
	MB550-250PR	250pr*
HiPurA® Fungal DNA Purification Kit Sample Processing : By Liquid Nitrogen Principle : Column Based Sample material : 100 - 150mg fungal sample. Total DNA yield : upto 30µg	MB543-20PR	20pr*
	MB543-50PR	50pr*
	MB543-250PR	250pr*
HiPurA® HP Fungal DNA Purification Kit (following bead beating method) Sample Processing : By Bead Beating Principle : Column Based Sample material : 300mg fungal sample.	MB576-10PR	10pr*
	MB576-50PR	50pr*
	MB576-250PR	250pr*

Environmental Sample DNA Kits MZ

HiPurA® Soil DNA Purification Kit Principle : Column Based Sample material : 250 - 500mg soil. Total DNA yield : upto 20µg See Pg. No. 674	MB542-20PR	20pr*
	MB542-50PR	50pr*
	MB542-250PR	250pr*
HiPurA® Water DNA Purification Kit (with enrichment) Principle : Column Based Sample material : 10 - 15ml water. See Page No. 686	MB547-20PR	20pr*
	MB547-50PR	50pr*
	MB547-250PR	250pr*
HiPurA® Water DNA Purification Kit (without enrichment) Principle : Column Based Sample material : 1ltr. water. See Page No. 686	MB577-20PR	20pr*
	MB577-50PR	50pr*
	MB577-250PR	250pr*
Hi-FiBio™ Nylon Membrane for Filtration New Pore Size : 0.22 µm Dimensions : 47mm diameter See Pg. No. 669, 686	MBM008-50SH	50sh

Mammalian DNA Kits

HiPurA® Mammalian Genomic DNA Purification Kit Principle : Column Based Sample material : 10 ⁸ cells & 30mg tissue. Total DNA yield : upto 30 - 45µg	◆ MB506-20PR	20pr*
	MB506-50PR	50pr*
	MB506-250PR	250pr*
HiPurA® Sperm Genomic DNA Purification Kit Principle : Column Based Sample material : 100 - 200µl semen sample. See Pg. No. 674	◆ MB522-20PR	20pr*
	◆ MB522-50PR	50pr*
	◆ MB522-250PR	250pr*

Forensic Sample DNA Kits (See Page No. 674)

HiPurA® Forensic Sample Genomic DNA Purification Kit Principle : Column Based Sample material : 0.5 - 2.5cm pieces of cigarette butt, hair, nail clipping etc. Total DNA yield : upto 15µg	MB524-20PR	20pr*
	MB524-50PR	50pr*
	MB524-250PR	250pr*
HiPurA® Bone DNA Purification Kit Principle : Solution Based Sample material : 500mg bone & Tooth sample.	◆ MB525-10PR	10pr*
	◆ MB525-20PR	20pr*

Product	Code	Packing
HiPurA® Buccal DNA Purification Kit Principle : Column Based Sample material : Buccal sample / gargled sample. Total DNA yield : upto 3.5µg	◆ MB531-20PR MB531-50PR MB531-250PR	20pr* 50pr* 250pr*
HiPurA® Quick Bone DNA Purification Kit Principle : Column Based Sample material : 200-500mg bone, tooth powder.	◆ MB578-20PR MB578-50PR MB578-5X50PR	20pr* 50pr* 5X50pr*
HiPurA® Forensic Multi-Sample DNA Purification Kit Principle : Column Based Sample material : Cigarette butt, chewing gum surface of envelopes stamp, hair shaft, saliva, semen, bone etc.	MB580-20PR MB580-50PR MB580-100PR MB580-5X50PR	20pr* 50pr* 100pr* 5X50pr*

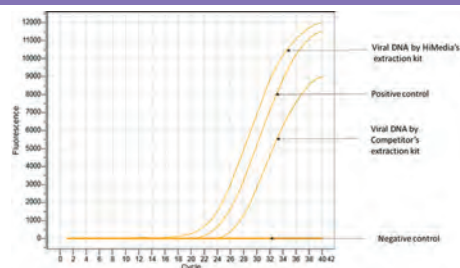
Agarose Gel DNA and PCR Product Purification Kits

HiPurA® Silica Kit for DNA Isolation Principle : Solution Based Sample material : upto 400mg gel with DNA. Total DNA yield : upto 80% recovery	MB503-400PR	400pr*
HiPurA® Quick Gel Purification Kit Principle : Column Based Sample material : upto 400mg gel with DNA. Total DNA yield : upto 90% recovery	MB539-20PR MB539-50PR MB539-250PR	20pr* 50pr* 250pr*
HiPurA® PCR Product Purification Kit Principle : Column Based Sample material : 25 - 100µl PCR product. Total DNA yield : upto 95% recovery	MB512-20PR MB512-50PR MB512-250PR	20pr* 50pr* 250pr*
HiPurA® 96 PCR Product Purification Kit Principle : Column Based Sample material : 25 - 100µl PCR product. Total DNA yield : upto 95% recovery	MB519-1X96PR	1X96pr*
HiPurA® PCR Product and Gel Purification Combo Kit Principle : Column Based Sample material : 25 - 100µl PCR product & upto 400mg gel with DNA. Total DNA yield : upto 95% recovery	MB563-20PR MB563-50PR MB563-250PR	20pr* 50pr* 250pr*

Food DNA Kits (See Page No. 682, 683)

HiPurA® Food DNA Purification Kit This kit is used for extraction of total DNA from Food samples. Principle : Column Based Sample material : 100 -200mg food sample. See Pg. No. 686	MB562-20PR MB562-50PR MB562-250PR	20pr* 50pr* 250pr*
HiPurA® Food Pathogen DNA Purification Kit (Salmonella) [Provided with culture media] This kit is provided with culture media for enrichment of food samples. Principle : Column Based Sample material : 1.5ml of overnight enriched food sample	MB568-10PR MB568-25PR	10pr* 25pr*
HiPurA® Food Pathogen (Bacteria) DNA Purification Kit This kit is used for extraction of Bacterial DNA from food samples. Principle : Column Based Sample material : 1.5ml of overnight enriched food sample	MB568A-10PR MB568A-25PR	10pr* 25pr*

Product	Code	Packing
Kits for Various Applications		
HiPurA® Multi-Sample DNA Purification Kit Principle : Column Based Sample material : Blood, bacteria, animal tissue & cells, plasma, serum. Total DNA yield : upto 12µg Blood DNA, upto 20µg Bacterial DNA, upto 45µg cells / tissue DNA, PCR amplifiable Viral nucleic acid. See Pg. No. 674	◆ MB554-20PR MB554-50PR MB554-250PR MZ	20pr* 50pr* 250pr*
HiPurA® Insect DNA Purification Kit Principle : Column Based Sample material : 50mg tissue. Total DNA yield : upto 15µg	MB529-20PR MB529-50PR MB529-250PR	20pr* 50pr* 250pr*
HiPurA® Stool DNA Purification Kit Principle : Column Based Sample material : 250mg stool sample. Total DNA yield : upto 10µg See Pg. No. 674	◆ MB544-20PR MB544-50PR MB544-250PR MZ	20pr* 50pr* 250pr*
RDP Trio™ Reagent Principle : Solution Based Sample material : 50 -100mg tissue, 1 x 10 ⁷ cells.	MB566-100ML MB566-5X100ML	100ml 5X100ml
HiPurA® Paraffin-Embedded Tissue DNA Purification Kit Principle : Column Based Sample material : 25mg paraffin-embedded tissue. Total DNA yield : upto 30µg	MB530-20PR MB530-50PR MB530-250PR	20pr* 50pr* 250pr*
HiPurA® Spice DNA Purification Kit Principle : Column Based Sample material : Maximum 200mg dry weight.	MB567-50PR	50pr*
HiPurA® Urine DNA Purification Kit Principle : Column Based Sample material : 1ml urine sample. See Pg. No. 674	◆ MB573-20PR MB573-50PR MB573-250PR MZ	20pr* 50pr* 250pr*
HiPurA® Viral DNA Purification Kit Principle : Column Based Sample material : 200µl plasma or serum sample See Pg. No. 677	◆ MB575-20PR MB575-50PR MB575-250PR MZ	20pr* 50pr* 250pr*

Real Time PCR Data for MB575-HiPurA® Viral DNA Purification Kit


Sample	Ct
Viral DNA by HiMedia extraction kit	16.21
Viral DNA by Competitor extraction kit	23.78
Positive control	21.50

HiPurA® Shrimp DNA Purification Kit New Principle : Column Based Sample material : 100 mg infected tissue sample See Pg. No. 684	MB581-20PR MB581-50PR MB581-250PR	20pr* 50pr* 250pr*
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Product	Code	Packing	Product	Code	Packing
RNA Isolation Kits					
RNA-XPress™ Reagent Principle : Solution Based Sample material : 50 -100mg tissue or upto 10 ⁷ bacterial, animal, plant or yeast cells. Total RNA yield : upto 10µg tissue RNA upto 15µg cultured cells	MB601-100ML MB601-5X100ML	100ml 5X100ml	HiPurA® All Blood RNA Purification Kit ◆ Principle : Column Based Sample material : upto 1.5ml fresh whole blood. See Pg. No. 677	MB617-20PR MB617-50PR	20pr* 50pr*
HiPurA® Total RNA Miniprep Purification Kit Principle : Column Based Sample material : 10 ⁷ cells, 15 - 30mg animal tissue. Total RNA yield : upto 100µg	MB602-20PR MB602-50PR MB602-250PR	20pr* 50pr* 250pr*	HiPurA® Tissue RNA Purification Kit Principle : Column Based Sample material : Animal & Human Tissue Sample	MB618-20PR MB618-50PR MB618-5X50PR	20pr* 50pr* 5X50pr*
HiPurA® Plant and Fungal RNA Miniprep Purification Kit Principle : Column Based Sample material : 100mg plant tissue. Total RNA yield : upto 65µg	MB603-20PR MB603-50PR MB603-250PR	20pr* 50pr* 250pr*	HiPurA® Multi-Sample RNA Purification Kit Principle : Column Based Sample material : Blood cells, Body fluids, Frozen tissues.	MB619-20PR MB619-50PR MB619-5X50PR	20pr* 50pr* 5X50pr*
HiPurA® Yeast RNA Purification Kit Principle : Column Based Sample material : upto 30 million cells. Total RNA yield : upto 90µg	MB611-20PR MB611-50PR MB611-250PR MZ	20pr* 50pr* 250pr*	HiPurA® Viral DNA/ RNA Purification Kit New Principle : Column Based Sample material : upto 200µl See Pg. No. 677	MB582-20PR MB582-50PR MB582-250PR MZ	20pr* 50pr* 250pr*
HiPurA® 96 Total RNA Purification Kit Principle : Column Based Sample material : cultured cells or homogenised tissue sample	MB612-1X96PR	1X96pr*	HiPurA® DNA/ RNA Purification Kit New Principle : Column Based	MB583-20PR MB583-50PR MB583-250PR MZ	20pr* 50pr* 250pr*
HiPurA® Bacterial RNA Purification Kit Principle : Column Based Sample material : upto 10 ⁷ bacterial cells. Total RNA yield : upto 40µg See Pg. No. 677	MB613-20PR MB613-50PR MB613-250PR MZ	20pr* 50pr* 250pr*	HiPurA® Water Viral RNA Purification Kit New Principle : Column Based Sample Material : 1L Water See Pg. No. 686	MB620-20PR MB620-50PR MZ	20pr* 50pr*
HiPurA® Viral RNA Purification Kit ◆ Principle : Column Based Sample material : upto 200µl cell free extract / serum, upto 30mg tissue See Pg. No. 677	MB615-20PR MB615-50PR MB615-250PR MZ	20pr* 50pr* 250pr*	HiPurA® Water Viral RNA Purification Kit (with Nitrocellulose membrane filter) New Principle : Column Based See Pg. No. 686	MB620A-20PR MB620A-50PR MZ	20pr* 50pr*

Molecular Biology Buffers and Reagents for DNA/RNA Isolation

RNase A Solution (20 mg/ml) On receipt store at 2-8° C	DS0003-2ML DS0003-5ML DS0003-15ML	2ml 5ml 15ml	PCR Binding Solution (SPB)	DS0027-12ML DS0027-30ML DS0027-150ML	12ml 30ml 150ml
Proteinase K Solution (20 mg/ml) On receipt store at -20°C	DS0013-1ML DS0013-5ML	1ml 5ml	Wash Solution (HPB)	DS0032-250ML DS0032-500ML	250ml 500ml
Lysis Solution (C1)	DS0010-200ML	200ml	Elution Buffer (ET) (10 mM Tris-Cl, pH 8.5)	DS0040-250ML DS0040-500ML	250ml 500ml
Prewash Solution Concentrate (PW)	DS0011-400ML	400ml	Gel Bind Buffer (HG)	DS0023-250ML	250ml
Wash Solution Concentrate (WS)	DS0012-250ML	250ml	Gel Wash Buffer Concentrate (BIW)	DS0030-10ML	10ml
Lysis Solution (AL)	DS0015-200ML	200ml	10X RBC Lysis Buffer On receipt store at 2-8°C	R075-100ML R075-500ML	100ml 500ml
Resuspension Solution (HP1)	DS0020-250ML DS0020-500ML	250ml 500ml	CTAB Extraction Solution	ML066-250ML	250ml
Lysis Solution (HP2)	DS0021-250ML DS0021-500ML	250ml 500ml	DNase I Solution (1mg/ml) On receipt store at -20°C	ML068-1ML	1ml
RNA Lysis Solution (HRL)	DS0037-200ML	200ml	5M Ammonium acetate For precipitation of Nucleic acids	ML180-100ML ML180-500ML	100ml 500ml
Neutralization Solution (HN3)	DS0022-250ML DS0022-500ML	250ml 500ml	RNA Liv™ Used for stabilization of RNA in tissue samples	ML161-100ML ML161-250ML	100ml 250ml
Wash Solution Concentrate (HPE)	DS0024-125ML DS0024-250ML	125ml 250ml	RNase Kil™ Used for removal of RNase contamination from glass, plastic, cleaning of working areas and equipment.	ML162-100ML ML162-250ML	100ml 250ml

Product

Code

Packing

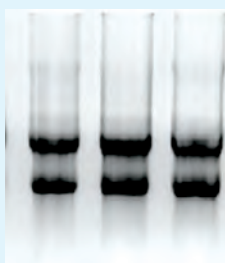
Product

Code

Packing

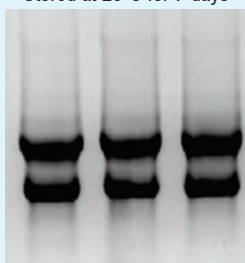
Stabilize Your RNA In RNA Liv™-ML161

CHO Cells
Stored at 37°C for 24 hrs



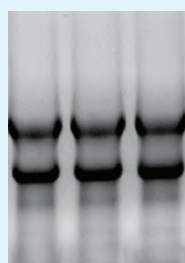
Lanes	Yield (ng/μl)	Purity (A ₂₆₀ /A ₂₈₀)
1	763.3	2.09
2	826.6	2.08
3	785.8	2.09

CHO Cells
Stored at 25°C for 7 days



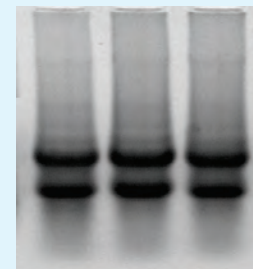
Lanes	Yield (ng/μl)	Purity (A ₂₆₀ /A ₂₈₀)
1	1004.5	2.10
2	1011.6	2.10
3	958.2	2.11

CHO Cells Stored at -20°C upto
20 freeze thaw cycles



Lanes	Yield (ng/μl)	Purity (A ₂₆₀ /A ₂₈₀)
1	579.73	2.07
2	456.73	2.02
3	454.32	2.02

CHO Cells
Stored at 4°C for 1 month



Lanes	Yield (ng/μl)	Purity (A ₂₆₀ /A ₂₈₀)
1	1037.5	2.10
2	998.4	2.10
3	934.2	2.09

InstaDNA™ Kits (See Page No. 674)

<p>InstaDNA™ Kit InstaDNA™ Kit provides a rapid and cost-effective solution for extraction of nucleic acid for : Molecular biology, Research, Clinical, Criminal and Forensic applications. Kit contents : InstaDNA™ Card, Reagents for processing card spot, Reagents for DNA elution from card spot.</p>	<p>MBT109-25NO MBT109-100NO MZ</p>	<p>25nos 100nos</p>
<p>InstaDNA™ Twin Card Kit InstaDNA™ Kit provides a rapid and cost-effective solution for extraction of nucleic acid for : Molecular biology, Research, Clinical, Criminal and Forensic applications. Kit contents : InstaDNA™ Twin Card, Reagents for processing card spot, Reagents for DNA elution from card spot.</p>	<p>MBT145-25NO MZ</p>	<p>25nos</p>

<p>InstaDNA™ Kit for collection of Avian samples for DNA Kit includes components required for Avian sample collection and transportation in the field Kit contents : InstaDNA™ card, Tissue storage buffers, Sterilizing reagent, Swabs, Forceps, Scissors, Droppers and Gloves.</p>	<p>MBT125-25NO</p>	<p>25nos</p>
<p>InstaDNA™ Quadricard Kit InstaDNA™ Kit provides a rapid and cost-effective solution for extraction of nucleic acid for : Molecular biology, Research, Clinical, Criminal and Forensic applications. Kit contents : InstaDNA™ Quadricard, Reagents for processing card spot, Reagents for DNA elution from card spot.</p>	<p>MBT158-25NO MZ</p>	<p>25nos</p>

InstaDNA™ Cards (See Page No. 674)

<p>InstaDNA™ card • Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications.</p>	<p>MBT126-25NO MBT126-100NO MZ</p>	<p>25nos 100nos</p>
<p>InstaDNA™ Twin Card • Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications. • Allows multiple sample collection</p>	<p>MBT137-25NO MBT137-100NO MZ</p>	<p>25nos 100nos</p>

<p>InstaDNA™ Quadricard • Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications. • Allows multiple sample collection</p>	<p>MBT121-25NO MBT121-100NO MZ</p>	<p>25nos 100nos</p>
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Extraction - Free PCR using InstaDNA™ Kit



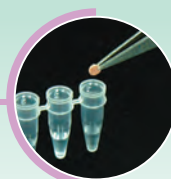
InstaDNA™ Card
MBT137



Blood spotted on
InstaDNA™ Card



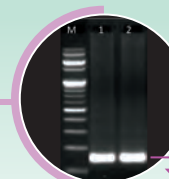
Card punching after
sample drying



Punch ready for
direct PCR



PCR using
Wee 32® Machine
(LA1060)



18S rRNA PCR from
blood spotted on
the card

182 bp

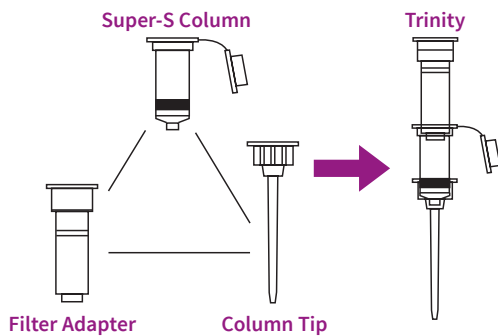
LA1056 Insta NX[®] Automated Nucleic Acid Extractor



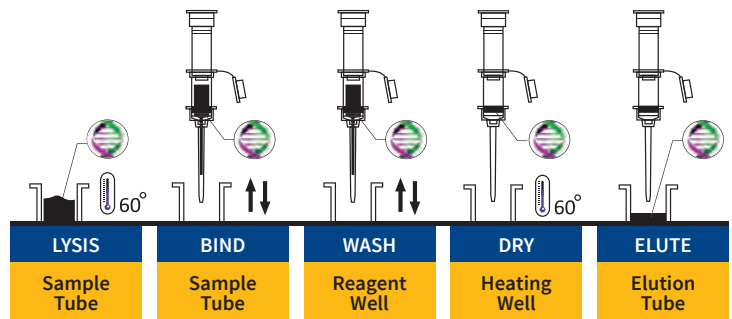
Novel

- One stop automated solution for nucleic acid extraction from various samples
- Innovative Super-S membrane with Trinity Technology
- Integrated UV Sterilization
- Types of samples
 - Clinical (Blood, Body Fluid, Tissues, CSF, Bone etc)
 - Food • Water • Soil • Milk & Dairy • Plant Material
 - Forensic • Fish • Insects • Virus • Bacteria
 - Stool • Fungus • Yeast • Cells

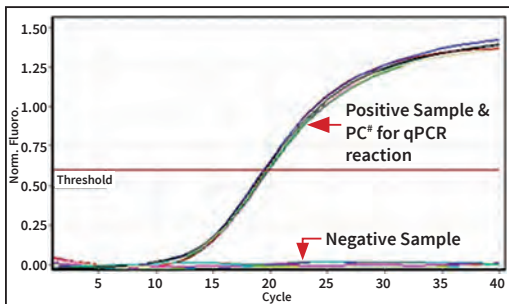
Trinity Technology



Streamline workflow



Cross contamination free DNA/RNA in same run



+ **Positive Sample** : Plasma sample with 7×10^6 copies of HBV (mean of $C_t^* = 19.7$)

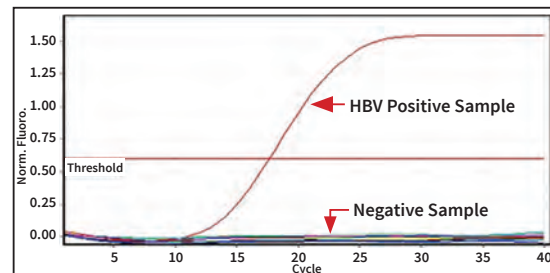
- **Negative Sample** : Nuclease free water

No.	1	2	3	4	5	6	7	8	9	10	11	12
Sample	-	+	-	+	-	+	-	+	-	+	-	+

- Positive samples for HBV were placed in tubes labelled with even numbers and negative samples were placed in tubes labelled with odd numbers during the same run.
- qPCR was performed using DNA extracted from Insta NX.
- Only positive sample was amplified during qPCR.
- No Cross contamination was observed.
- Provision for UV sterilization of Insta NX to avoid cross contamination.

Carry-over contamination free DNA/RNA between consecutive runs

Combined Data (First Run + Second Run)



First Run :- (+) Positive Sample : HBV Positive Sample

No.	1
Sample	+

Second Run :- (-) Negative Sample : Nuclease free water

No.	1	2	3	4	5	6	7	8	9	10	11	12
Sample	-	-	-	-	-	-	-	-	-	-	-	-

- To check cross contamination between consecutive runs, 2 different protocols were performed.
 - 1) HBV positive samples in **first run**.
 - 2) Nuclease free water in **second run**.
- qPCR was performed using DNA extracted from Insta NX.
- HBV positive sample was amplified. Nuclease free water sample did not show any amplification.
- No cross contamination was observed between different runs.
- Provision for UV sterilization of Insta NX to avoid cross contamination.

* C_t - Threshold value
*PC - Positive control

Product	Code	Packing	Product	Code	Packing
Insta NX® DNA / RNA Purification Kits					
Insta NX® DNA / RNA purification kits are to be used only with HiMedia's Insta NX® (LA1056) machine					
Insta NX® DNA Kits					
Insta NX® Bacterial Genomic DNA Purification Kit Sample processed : Body Fluids, Bacterial cultures, Blood See Pg. No. 677	MBIN006-12PR MZ	12pr*	Insta NX® Food Pathogen DNA Purification Kit (Without Culture Media) Sample processed : Honey, Milk etc. See Pg. No. 682, 683	MBIN018-12PR	12pr*
Insta NX® Yeast Genomic DNA Purification Kit Sample processed : Saccharomyces cerevisae	New MBIN022-12PR MZ	12pr*	Insta NX® Forensic Multi-Sample DNA Purification Kit Sample processed : Chewing gum, Semen samples, Hair shaft, Blood clots, Buccal swab, Bone, Tooth, Envelopes, Stained Cloth See Pg. No. 674	MBIN020-12PR	12pr*
Insta NX® Mycobacterium Tuberculosis DNA Purification Kit Sample processed : Sputum	◆ MBIN019-12PR MZ	12pr*	Insta NX® Bone DNA Purification Kit Sample processed : Human bone, Teeth pulp See Pg. No. 674	◆ MBIN012-12PR	12pr*
Insta NX® Blood Genomic DNA Purification Kit Sample processed : Malaria blood, WBC's, Plasma, Buffy coat See Pg. No. 674, 677	◆ MBIN001-12PR	12pr*	Insta NX® Fungal DNA Purification Kit Sample processed : Aspergillus, Verticillium lecani, Trichoderma etc.	MBIN008-12PR MZ	12pr*
Insta NX® Blood DNA Plus Purification Kit Sample processing : volume-400µl whole Blood	New MBIN025-12PR	12pr*	Insta NX® Plant Genomic DNA Purification Kit Sample processed : Rice roots, wheat seedling Soyabean seeds, Groundnut See Pg. No. 685	MBIN005-12PR	12pr*
Insta NX® Frozen Blood DNA Purification Kit See Pg. No. 674	◆ MBIN017-12PR	12pr*	Insta NX® SuperPlant DNA Purification Kit Sample processed : Banana, Sugarcane, Mango, Mangroves, Ayurvedic herbs, Palm oil, Cotton balls, Cotton lint, Okra leaves See Pg. No. 685	MBIN016-12PR	12pr*
Insta NX® Stool DNA Purification Kit Sample processed : Stool from Human, Rabbit, Goat, Dog, Cow	◆ MBIN007-12PR MZ	12pr*	Insta NX® Soil DNA Purification Kit Sample processed : Peaty, Loamy	MBIN009-12PR MZ	12pr*
Insta NX® Urine DNA Purification Kit Sample processed : Human, Cattle urine	◆ MBIN004-12PR MZ	12pr*	Insta NX® Insect DNA Purification Kit Sample processed : Honey bee, Tick, Snail	New MBIN024-12PR	12pr*
Insta NX® Cell Genomic DNA Purification Kit Sample processed : Animal cell, Avian cell, Urine, Pus cells	◆ MBIN011-12PR	12pr*	Insta NX® Water DNA Purification Kit See Pg. No. 686	MBIN010-12PR MZ	12pr*
Insta NX® Tissue Genomic DNA Purification Kit Sample processed : Fish, Chicken, Human tissue, Pork, Goat tissue, Beef, Horse, Sea food, Human tissue See Pg. No. 674, 684	◆ MBIN003-12PR	12pr*	Insta NX® RNA Kits		
Insta NX® Viral DNA Purification Kit Sample processed : HPV, HBV Sample etc. See Pg. No. 677	◆ MBIN015-12PR MZ	12pr*	Insta NX® Viral RNA Purification Kit Sample processed : Dengue, HIV, HCV, Chikungunya samples See Pg. No. 677	◆ MBIN013-12PR MBIN013-48PR MZ	12pr* 48pr*
Insta NX® Viral DNA Plus Purification Kit Sample processing volume-400µl	New MBIN026-12PR MZ	12pr*	Insta NX® Blood RNA Purification Kit Sample processed : Whole Blood See Pg. No. 674, 677	◆ MBIN021-12PR	12pr*
Insta NX® Food Pathogen DNA Purification Kit (Salmonella) [Provided with Culture Media] Sample processed : Chocolate, Milk, Juice, Spices, Coffee, Baby food etc. See Pg. No. 682, 683	MBIN002-12PR	12pr*	Insta NX® Tissue/Cell RNA Purification Kit Sample processed : Cell line, Goat tissue, Human Tissue	New MBIN027-12PR	12pr*
Insta NX® Food DNA Purification Kit Sample processed : Milk, Chips, Butter etc. See Pg. No. 682, 683	MBIN014-12PR	12pr*	Insta NX® Water RNA Purification Kit See Pg. No. 686	New MBIN028-12PR MZ	12pr*
			Hi-FiBioE™ Nylon Membrane for Filtration Pore Size: 0.22 µm Dimensions: 47mm diameter See Pg. No. 664, 686	New MBM008-50SH MZ	50sh

Product

Code

Packing

Product

Code

Packing

Commonly Used Molecular Biological Buffers

6M Guanidine HCl	ML001-100ML ML001-500ML	100ml 500ml
8M Guanidine HCl	ML002-100ML ML002-500ML	100ml 500ml
6M Guanidine thiocyanate	ML003-100ML ML003-500ML	100ml 500ml
3M Sodium acetate, pH 5.2-5.4 Used in DNA precipitation	ML009-100ML ML009-500ML	100ml 500ml
5M Sodium chloride	ML008-100ML ML008-500ML	100ml 500ml
12N NaOH	ML194-100ML ML194-500ML	100ml 500ml
10M Sodium hydroxide	ML166-100ML ML166-500ML	100ml 500ml
5M Sodium hydroxide	ML026-100ML ML026-500ML	100ml 500ml
1N NaOH	ML195-100ML ML195-500ML	100ml 500ml
0.15M Sodium hydroxide	ML107-500ML	10X500ml
0.3M Sodium hydroxide	ML154-500ML	10X500ml
1M Calcium chloride Solution	ML094-100ML	100ml
1M Magnesium chloride Solution	ML115-100ML ML115-500ML	100ml 500ml
Potassium acetate buffer 3M with respect to potassium, 5M with respect to acetate pH 5.5-5.7	ML006-100ML ML006-500ML	100ml 500ml
1M Potassium acetate, pH 7.5	ML117-100ML ML117-500ML	100ml 500ml
5M Potassium acetate, pH 7.5-9.0	ML005-100ML ML005-500ML	100ml 500ml
5M Potassium hydroxide	ML004-100ML ML004-500ML	100ml 500ml
10X PBS, pH 7.4 Phosphate Buffered Saline	ML023-100ML ML023-500ML	5X100ml 2X500ml 6X500ml
10X PBS (Endotoxin Free) Phosphate Buffered Saline	ML164-100ML ML164-500ML	5X100ml 2X500ml 6X500ml
1X PBS Solution Phosphate Buffered Saline	ML116-100ML ML116-500ML	100ml 500ml

100X TE Buffer Used for solubilization of DNA at 1X concentration	ML165-100ML ML165-500ML	100ml 500ml
50X TE Buffer Used for solubilization of DNA at 1X concentration	ML125-100ML ML125-500ML	100ml 500ml
10X TE Buffer, pH 8.0 Used for solubilization of DNA at 1X concentration	ML012-100ML ML012-500ML	100ml 500ml
1X TE Buffer, pH 8.0 Used for solubilization of DNA	ML060-100ML ML060-500ML	100ml 500ml
0.5M EDTA, pH 8.0	ML014-100ML ML014-500ML 2X500ml	100ml 500ml 2X500ml
1M HEPES, pH 7.3	ML114-100ML ML114-500ML	100ml 500ml
20% SDS	ML007-100ML ML007-500ML	100ml 500ml
1M Tris-Cl, pH 6.4	ML054-100ML ML054-500ML	100ml 500ml
1M Tris Buffer, pH 6.8	ML190-100ML ML190-500ML	100ml 500ml
1M Tris-Cl, pH 7.0	ML090-100ML ML090-500ML	100ml 500ml
1M Tris-Cl, pH 7.2	ML027-100ML ML027-500ML	100ml 500ml
1M Tris-Cl, pH 7.4	ML028-100ML ML028-500ML	100ml 500ml
1M Tris-Cl, pH 7.6	ML110-100ML	100ml
1M Tris-Cl, pH 7.8	ML111-100ML	100ml
1M Tris-Cl, pH 8.0	ML013-100ML ML013-500ML	100ml 500ml
1M Tris-Cl, pH 8.2	ML156-100ML ML156-500ML	100ml 500ml
1M Tris-Cl, pH 8.5	ML152-100ML ML152-500ML	100ml 500ml
1M Tris-Cl Stock Solutions (6 packs, 100ML each) A pack of 1M Tris-Cl Solutions of pH 7.0, 7.2, 7.4, 7.6, 7.8 and 8.0	ML108-1PK	1pk
1M Tris-Cl Stock Solutions (6 Packs, 1L each) A pack of 1M Tris-Cl Solutions of pH 7.0, 7.2, 7.4, 7.6, 7.8 and 8.0	ML109-1PK	1pk
1.5M Tris Buffer, pH 6.8	ML191-100ML ML191-500ML	100ml 500ml

Product	Code	Packing
0.5M Tris Buffer (Endotoxin free)	ML179-100ML ML179-500ML	100ml 500ml
0.3M Tris Buffer	ML126-100ML ML126-500ML	100ml 500ml
10X Tris EDTA, pH 9.0 Used for heat induced epitope recovery Store at 2-8°C	ML087-500ML	500ml
1X Tris-EDTA, pH 7.0	ML118-100ML ML118-500ML	100ml 500ml
10X Citrate Buffer, pH 6.1 Used for heat induced epitope recovery Store at 2-8°C	ML089-500ML	500ml
0.1M Citrate Buffer, pH 4.8 Store at 2-8°C	ML172-500ML	500ml
2X BBS Solution Borate Buffered Saline	ML093-500ML ML093-1L	500ml 1lt
STET Buffer Mixture of Sodium chloride, Tris-Cl, EDTA and Triton® X- 100	ML098-500ML	500ml
ACD Solution A (Acid Citrate Dextrose Solution A) Used as anti-coagulant to preserve blood samples	ML099-25ML	25ml
ACD Solution B (Acid Citrate Dextrose Solution B) Used as anti-coagulant to preserve blood samples	ML100-25ML	25ml
1M MES Solution [2-(N-Morpholino) ethanesulfonic acid]	ML101-100ML ML101-500ML	100ml 500ml
1M MOPS Solution [3-(N-Morpholino) propanesulfonic acid]	ML102-100ML ML102-500ML	100ml 500ml
0.2M MOPS, pH 7.0 [3-(N-Morpholino) propanesulfonic acid]	ML031-100ML ML031-500ML	100ml 500ml
SM Buffer (Mixture of Sodium chloride, Magnesium sulphate and Gelatin) Used as phage diluent and storage buffer	ML103-100ML ML103-500ML	100ml 500ml

Product	Code	Packing
1M Sorbitol Solution Store at 2-8°C	ML104-100ML	100ml
TNT Buffer (Mixture of Tris-Cl, Sodium chloride and Tween®-20)	ML105-100ML ML105-500ML	100ml 500ml
Propidium iodide Solution (1mg/ml) Store at 2-8°C Used as nuclear counter stain	ML067-10ML	10ml
Buffer solution pH 4.0 (±0.02) Store at 2-8°C	ML061-500ML	500ml
Buffer solution pH 7.0 (±0.02) Store at 2-8°C	ML062-500ML	500ml
Buffer solution pH 9.2 (±0.02) Store at 2-8°C	ML063-500ML	500ml
Molecular Biology Grade Water (DEPC-treated, Nuclease and Protease free)	ML024-100ML ML024-500ML	10X100ml 500ml 10X500ml
Molecular Biology Grade Water (Nuclease & Protease free)	ML064-100ML ML064-500ML	10X100ml 500ml 10X500ml
Molecular Biology Grade Water for PCR (Nuclease & Protease free) Store at -20°C	ML065-1.5ML	1.5ml 10X1.5ml
0.2M Potassium dihydrogen phosphate	ML171-100ML ML171-500ML	100ml 500ml
Sodium bicarbonate solution, 7.5% (w/v)	ML170-100ML	100ml
1M Tricine	ML181-100ML ML181-500ML	100ml 500ml
0.5M CAPS, pH 10.5	ML182-100ML ML182-500ML	100ml 500ml
10X TBS	ML029-100ML ML029-500ML	5x100ml 2x500ml 6x500ml

ML209 - HiPurA® Fast Southern Hybridization Buffer

New



- Hassle Free
- Ready-to-Use
- Time Saver
- Sensitive

**No Blocking
Required**

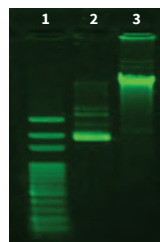
Results obtained within 3 hours

Product	Code	Packing	Product	Code	Packing
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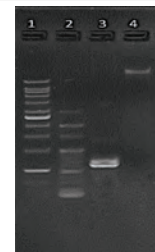
Buffers/Kits for Nucleic Acid Electrophoresis

10X TAE Used for gel electrophoresis after dilution to working concentration	ML010-100ML ML010-500ML	100ml 500ml 2X500ml
50X TAE Used for gel electrophoresis after dilution to working concentration	ML016-100ML ML016-500ML	100ml 500ml 2X500ml
10X TBE Used for gel electrophoresis after dilution to working concentration	ML011-100ML ML011-500ML	100ml 500ml 2X500ml
20X TBE Used for gel electrophoresis after dilution to working concentration	ML022-100ML ML022-500ML	100ml 500ml
50X TBE (Supplied as concentrate gel tablet) Used for electrophoresis after dilution to working concentration	ML017-100ML ML017-500ML	100ml 500ml 2X500ml
6X Gel Loading Buffer Store at 2-8°C Glycerol based gel loading buffer for DNA gels with two tracking dyes	ML015-1ML	6X1ml
5X TD Solution Store at 2-8°C Ficoll based gel loading buffer for DNA gels with two tracking dyes	ML019-1ML	6X1ml
10X Gel Loading Buffer Store at 2-8°C Glycerol based gel loading buffer for DNA gels with two tracking dyes	ML025-0.5ML	5X0.5ml
5X Gel Loading Buffer Store at -20°C Glycerol based gel loading buffer for DNA gels with three tracking dyes	ML086-1ML	6X1ml
6X Orange Gel Loading Buffer Store at -20°C Glycerol based gel loading buffer for DNA gels with two tracking dyes	ML092-1ML	5X1ml

5X Sucrose Gel Loading Dye Store at -20°C Sucrose based gel loading buffer for DNA gels with two tracking dyes	ML112-1ML ML112-5ML	1ml 5ml
5X RNA Gel Loading Buffer Store at 2-8°C Glycerol based gel loading buffer for RNA gels with two tracking dyes	ML048-0.25ML	4X0.25ml
10X MOPS Electrophoresis Buffer Used for RNA gel electrophoresis after dilution to working concentration	ML050-500ML	2X500ml 4X500ml
Hi-SYBr Safe Gel Stain (10,000X in DMSO) Store at -20°C Used in staining of DNA / RNA gels [Note : Recommended to load with DNA samples & for Post run staining]	ML053-100MCL ML053-500MCL	100µl 500µl
Hi-SYBr Safe Pre-Gel Stain (10,000X in DMSO) New Store at -20°C Used in staining of DNA / RNA gels [Note : Recommended for Prestaining Gels]	ML053A-100MCL ML053A-500MCL	100µl 500µl



Representative data of Gel stained post electrophoresis using ML053 (Lane1: Marker, Lane 2: plasmid DNA, Lane 3: Genomic DNA)



Representative data of Gel pre-stained using ML053A (Lane1: Marker, Lane 2: Marker, Lane 3 : PCR Product, Lane 4: Genomic DNA)

Agarose Gel Electrophoresis Kit Contents : Agarose, 50X TAE buffer, Ethidium bromide, Loading buffer	MB570-10PR	10pr*
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Pre-Poured™ Gel (Ready to Use Agarose Gels with Ethidium bromide for Electrophoresis)

Pre-Poured™ Gel-666-28-1 (Conc : 1%) (with Ethidium bromide)	MBRPG001-5NO	5no
Pre-Poured™ Gel-666-28-2 (Conc : 2%) (with Ethidium bromide)	MBRPG002-5NO	5no
Pre-Poured™ Gel-665-12-1 (Conc : 1%) (with Ethidium bromide)	MBRPG005-5NO	5no
Pre-Poured™ Gel-665-12-2 (Conc : 2%) (with Ethidium bromide)	MBRPG006-5NO	5no



Pre-Poured™ Gel-665-12-1 (Conc : 1%) (with Ethidium bromide) (MBRPG005)

Reagents for Southern & Northern Blotting

Product	Code	Packing
20X SSC Saline Sodium Citrate Used in Southern Hybridization and Northern hybridization	ML030-500ML	500ml 2X500ml
Alkaline Transfer Buffer Used in Southern Hybridization	ML032-100ML ML032-500ML	100ml 500ml
Denaturation Solution Used in Southern Hybridization	ML033-100ML ML033-500ML	100ml 500ml
Neutralization Buffer A (for transfer to uncharged membranes) Used in Southern Hybridization	ML034-100ML ML034-500ML	100ml 500ml
Neutralization Buffer B (for transfer to nylon membranes) Used in Southern Hybridization	ML035-100ML ML035-500ML	100ml 500ml
20X SSPE Buffer, pH 7.4 (Saline Sodium Phosphate EDTA buffer) Used in Southern Hybridization	ML055-200ML ML055-1L	200ml 1lt
Denhardt's Solution (100X) Used as a blocking reagent during Northern or southern hybridization Store at -20°C	ML095-50ML	50ml

Product	Code	Packing
HiPurA® Fast Southern Hybridization Buffer New A ready to use Hybridization buffer for Southern Blotting with Hybridization time only of 2 hours Store at 2-8°C	ML209 - 50ML ML209 - 125ML ML209 - 1L	50ml 125ml 1l

Membranes for Blotting		
Hi-FiBloE™ Nitrocellulose Membrane for Blotting New Pore Size : 0.2 µm Dimensions: 30 cm X 3 m	MBM001-1RL	1roll
Hi-FiBloE™ Nitrocellulose Membrane for Blotting New Pore size: 0.2 µm Dimensions: 20 cm X 20 cm	MBM002-20SH	20sheet
Hi-FiBloE™ Nitrocellulose Membrane for Blotting New Pore Size: 0.2 µm Dimensions: 7 cm X 8.5 cm	MBM003-20SH	20sheet
Hi-FiBloE™ Nylon Membrane for Blotting New Pore Size: 0.2 µm Dimensions: 30 cm X 3 m	MBM006 - 1RL	1roll
Hi-FiBloE™ Nylon Membrane for Blotting New Pore Size: 0.2 µm Dimensions: 20 cm X 20 cm	MBM007-20SH	20sheet

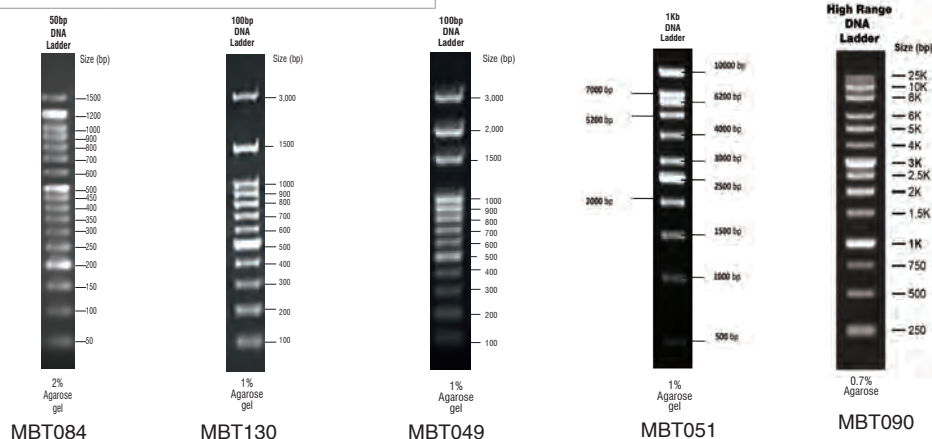
For Western Blotting Membranes See Pg No. 699

DNA Ladders

#50bp DNA Ladder Consists of 17 DNA fragments ranging in size from 50bp to 1500bp. Ready to use premixed with loading buffer. Recommended load: 3 µl/lane Concentration : 112 µg/ml	MBT084-50LN MBT084-200LN	50ln* (150µl) 200ln* (4x150µl)
#100bp DNA Ladder Consists of 13 fragments ranging from 100bp to 3000bp in increments. Ready to use premixed with loading buffer. Recommended load: 4 µl/lane Concentration : 0.1 µg/µl	MBT049-50LN MBT049-200LN	50ln* (200µl) 200ln* (4x200µl)
#100bp DNA Ladder M Consists of 12 fragments ranging from 100bp to 3000bp in increments. The 500 & 1500bp bands have increased intensity. Ready to use premixed with loading buffer. Recommended load: 3 µl/lane Concentration : 108 µg/ml	MBT130-50LN MBT130-200LN	50ln* (150µl) 200ln* (4x150µl)

#1kb DNA Ladder Consists of 11 blunt-ended DNA fragments ranging from 500bp to 10kb in increments. Ready to use premixed with loading buffer. Recommended load: 3 µl/lane Concentration : 0.1 µg/µl	MBT051-50LN MBT051-200LN	50ln* (150µl) 200ln* (4x150µl)
#High Range DNA Ladder The High Range DNA Ladder includes 14 fragments ranging from 250bp-25kb. The 1kb and 3kb bands have increased intensity to serve as reference points. Ready to use premixed with loading buffer. Recommended load: 3 µl/lane Concentration : 104 µg/ml	MBT090-50LN MBT090-200LN	50ln* (150µl) 200ln* (4x150µl)

For Protein Ladder See Pg No. 698



Product

Code

Packing

Product

Code

Packing

Products For Forensic Applications

Nucleic Acid Purification Kits

HiPurA® Forensic Sample Genomic DNA Purification Kit Principle : Column Based Sample material : 0.5 - 2.5cm pieces of cigarette butt, hair, nail clipping. Total DNA yield : 2-15µg See Pg. No. 664	MB524-20PR MB524-50PR MB524-250PR	20pr* 50pr* 250pr*
HiPurA® Bone DNA Purification Kit ◆ Principle : Solution Based Sample material : 500mg bone & Tooth sample. See Pg. No. 664	MB525-10PR MB525-20PR	10pr* 20pr*
HiPurA® Quick Bone DNA Purification Kit ◆ Principle : Column Based Sample material : 200- 500mg bone & Tooth powder. See Pg. No. 665	MB578-20PR MB578-50PR MB578-5X50PR	20pr* 50pr* 5X50pr*
HiPurA® Buccal DNA Purification Kit ◆ Principle : Column Based Sample material : Buccal sample / gargled sample. Total DNA yield : upto 3.5µg See Pg. No. 665	MB531-20PR MB531-50PR MB531-250PR	20pr* 50pr* 250pr*
HiPurA® Blood Genomic DNA Miniprep Purification Kit ◆ Principle : Column Based Sample material : 200µl whole blood. Total DNA yield : upto 12µg See Pg. No. 663, 677	MB504-20PR MB504-50PR MB504-250PR	20pr* 50pr* 250pr*
HiPurA® Multi-Sample DNA Purification Kit ◆ Principle : Column Based Sample material : Blood, bacteria, animal tissue & cells. Total DNA yield : upto 12µg Blood DNA, upto 20µg Bacterial DNA, upto 45µg cells / tissue DNA See Pg. No. 665	MB554-20PR MB554-50PR MB554-250PR	20pr* 50pr* 250pr*
HiPurA® Soil DNA Purification Kit Principle : Column Based Sample material : 250 - 500mg soil. Total DNA yield : upto 20µg See Pg. No. 664	MB542-20PR MB542-50PR MB542-250PR	20pr* 50pr* 250pr*
HiPurA® Sperm Genomic DNA Purification Kit ◆ Principle : Column Based Sample material : 100 - 200µl semen sample. See Pg. No. 664	MB522-20PR MB522-50PR MB522-250PR	20pr* 50pr* 250pr*
HiPurA® Urine DNA Purification Kit ◆ Principle : Column Based Sample material : 1ml urine sample. See Pg. No. 665	MB573-20PR MB573-50PR MB573-250PR	20pr* 50pr* 250pr*
HiPurA® Forensic Multi-Sample DNA Purification Kit Principle : Column Based Sample material : Cigarette butt, chewing gum surface of envelopes stamp, hair shaft, saliva or semen. See Pg. No. 665	MB580-20PR MB580-50PR MB580-100PR MB580-5X50PR	20pr* 50pr* 100pr* 5x50pr*
HiPurA® Stool DNA Purification Kit ◆ Principle : Column Based Sample material : 250mg stool sample. Total DNA yield : upto 10µg See Pg. No. 665	MB544-20PR MB544-50PR MB544-250PR	20pr* 50pr* 250pr*

Insta NX® Extraction Kits for Forensic Application

Insta NX® Blood Genomic DNA Purification Kit ◆ Sample processed : Malaria blood, WBC's, Plasma, Buffy coat See Pg. No. 669, 677	MBIN001-12PR	12pr*
Insta NX® Tissue Genomic DNA Purification Kit ◆ Sample processed : Fish, Chicken, Human tissue, Pork, Goat tissue, Beef, Horse, Sea food, Human tissue See Pg. No. 669, 684	MBIN003-12PR	12pr*
Insta NX® Bone DNA Purification Kit ◆ Sample processed : Human bone, Teeth pulp See Pg. No. 669	MBIN012-12PR	12pr*
Insta NX® Frozen Blood DNA Purification Kit ◆ See Pg. No. 669	MBIN017-12PR	12pr*
Insta NX® Forensic Multi-Sample DNA Purification Kit Sample processed : Chewing gum, Semen samples, Hair shaft, Blood clots, Buccal swab See Pg. No. 669	MBIN020-12PR	12pr*
Insta NX® Blood RNA Purification Kit ◆ Sample processed: Whole Blood See Pg. No. 669, 677	MBIN021-12PR	12pr*

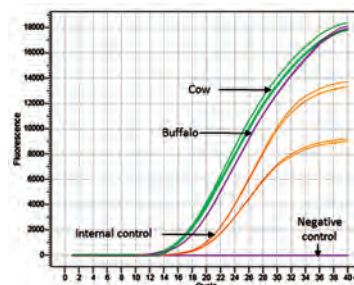
InstaDNA™ Cards/Kits (See Pg. No. 667)

InstaDNA™ card • Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications.	MBT126-25NO MBT126-100NO MZ	25nos 100nos
InstaDNA™ Twin Card • Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications. • Allows multiple sample collection	MBT137-25NO MBT137-100NO MZ	25nos 100nos
InstaDNA™ Quadricard • Simplifies isolation, purification and storage of nucleic acid for variety of research and diagnostic applications. • Allows multiple sample collection	MBT121-25NO MBT121-100NO MZ	25nos 100nos
InstaDNA™ Twin Card Kit InstaDNA™ Kit provides a rapid and cost-effective solution for extraction of nucleic acid for : Molecular biology, Research, Clinical, Criminal and Forensic applications. Kit contents : InstaDNA™ Twin Card, Reagents for processing card spot, Reagents for DNA elution from card spot.	MBT145-25NO MZ	25nos
InstaDNA™ Quadricard Kit InstaDNA™ Kit provides a rapid and cost-effective solution for extraction of nucleic acid for : Molecular biology, Research, Clinical, Criminal and Forensic applications. Kit contents : InstaDNA™ Quadricard, Reagents for processing card spot, Reagents for DNA elution from card spot.	MBT158-25NO MZ	25nos

Product	Code	Packing
InstaDNA™ Kit InstaDNA™ Kit provides a rapid and cost-effective solution for extraction of nucleic acid for : Molecular biology, Research, Clinical, Criminal and Forensic applications. Kit contents : InstaDNA™ Card, Reagents for processing card spot, Reagents for DNA elution from card spot.	MBT109-25NO MBT109-100NO MZ	25nos 100nos
Identification Kits		
Blood Identifier Kit Biochemical Assay for identification of blood stains Kit Content : Reagent BIA, BIB, BIC & dropper	ML189-25R ML189-100R	25r# 100r#
Semen Identifier Kit Biochemical Assay for identification of semen stains Kit Content : Reagent SIA, SIB Store at -20°C	ML200-5R	5r#
Crime Scene Identification Kit New Used for collection of forensic samples at Crime location	ML201-1PK	1pk*
Forensic Buffers		
Stain Extraction Buffer Used to extract DNA from forensic samples	ML127-500ML	500ml 2X500ml
Forensic Buffer Used to extract DNA from forensic samples	ML128-500ML	500ml
1M Sodium Chloride New Used for Forensic applications	ML203-250ML	250ml
1M Sucrose New Used for Forensic applications Store at -20°C	ML204-200ML	200ml
1M DTT New Store at -20°C	ML205-25ML	25ml

Product	Code	Packing
PCR Kits		
Hi-PCR® Buffalo Probe PCR Kit	MBPCR138-10R MBPCR138-50R	10r# 50r#
Hi-PCR® Cow Probe PCR Kit	MBPCR139-10R MBPCR139-50R	10r# 50r#
Hi-PCR® Cow-Buffer Probe PCR Kit	MBPCR141-10R MBPCR141-50R	10r# 50r#

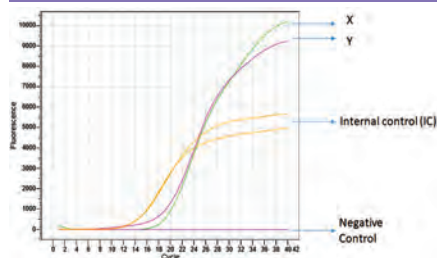
Hi-PCR® Cow-Buffer Probe PCR Kit (MBPCR141)



Sample	Ct value of Cow	Ct value of Buffalo	Ct value of Internal control
Positive control	17.87	18.41	20.34
	17.65	18.39	20.4
Negative control	N/A	N/A	19.85
			19.84

Hi-PCR® Cattle Sex Determination Probe PCR Kit	MBPCR142-10R MBPCR142-50R	10r# 50r#
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Hi-PCR® Cattle Sex Determination Probe PCR Kit (MBPCR142)



Sample	Ct
Positive Control	X- 19.01
	Y-13.47
	IC- 12.43
Negative Control	X- NA
	Y- NA
	IC- 12.58

Is your Herd Free from Infection..?

**We will Help you Know it....
Use our Veterinary Diagnostic Kits**



A Real-time PCR based detection

Kit code : Organism name
Cattle
MBPCR169 : <i>Pasteurella multocida</i> (Haemorrhagic Septicemia)
MBPCR162 : <i>Brucella</i> spp.
MBPCR168 : Peste des petits Ruminants (PPR)
MBPCR164 : Infectious Bovine Rhinotracheitis (IBR)
MBPCR214 : <i>Trypanosoma evansi</i>
MBPCR224 : Blue Tongue Virus (BTV)

Kit code : Organism name
Poultry
MBPCR167 : <i>Mycoplasma gallisepticum</i>
MBPCR165 : Theileria
Feline/Canine
MBPCR215 : <i>Brucella canis</i>
Sheep/Goat
MBPCR125 : <i>Babesia bigemina</i>
MBPCR214 : <i>Trypanosoma evansi</i>

ANTIMICROBIAL DRUG RESISTANCE

Patent Pending

Real-Time Multiplex PCR for Detection of Antimicrobial Drug Resistance (AMR) Genes

Insta Q96® Plus (LA1073)



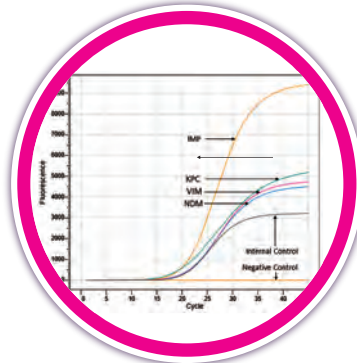
- Real-Time PCR - Truly Open System
- Sensitivity- One Copy Detection
- No ROX dye required

Insta NX® (LA1056)

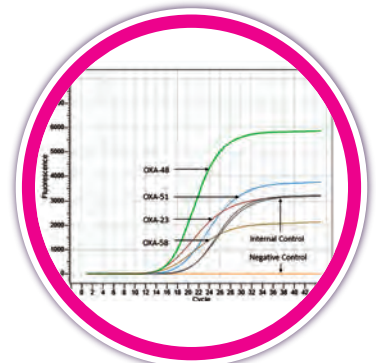


- Automated Nucleic Acid Extraction
- Innovative Super-S Membrane technology
- Centrifugation Free Extraction

Carbapenemases genotyping kit [MBPCR132]

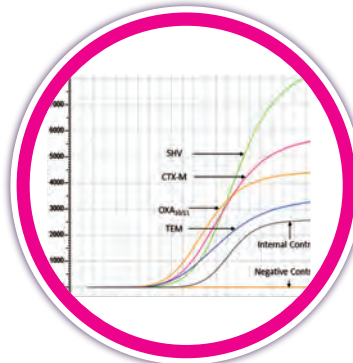


Targets Detected : VIM, IMP, NDM, KPC



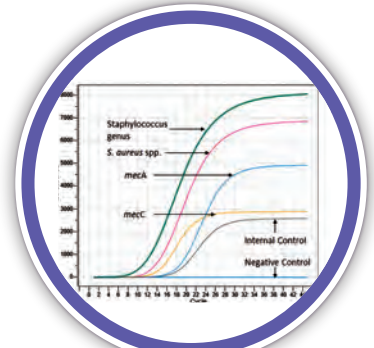
Targets Detected : OXA-51, OXA-48, OXA-58, OXA-23

Extended Spectrum β lactamases genotyping kit [MBPCR131]



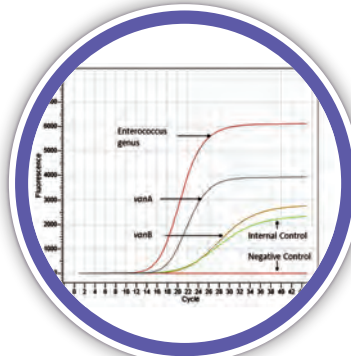
Targets Detected : CTX-M, SHV, OXA10/11, TEM

Methicillin Resistant *Staphylococcus aureus* (MRSA) Detection Kit [MBPCR133]



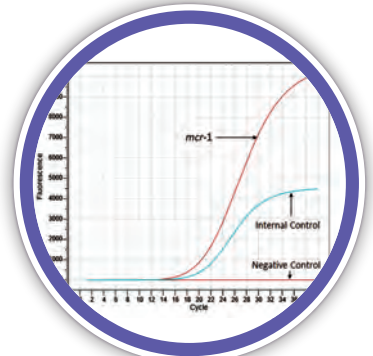
Targets Detected : Staphylococcus genus, S. aureus, mecC, mecA

Vancomycin Resistant *Enterococci* (VRE) Detection Kit [MBPCR134]



Targets Detected : Enterococcus spp., vanA, vanB

Colistin Resistance detection kit [MBPCR209]



Targets Detected : mcr -1

Product

Code

Packing

Product

Code

Packing

Products for Nucleic Acid Amplification

Clinical Diagnostics **MZ**



Nucleic Acid Extraction Kits

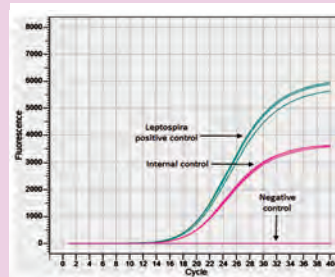
HiPurA® Blood Genomic DNA Miniprep Purification Kit Principle : Column Based Sample material : 200µl whole blood. Total DNA yield : upto 12µg See Pg. No. 663, 674	◆ MB504-20PR MB504-50PR MB504-250PR	20pr* 50pr* 250pr*
HiPurA® All Blood RNA Purification Kit Principle : Column Based Sample material : upto 1.5ml fresh whole blood. See Pg. No. 666	◆ MB617-20PR MB617-50PR	20pr* 50pr*
Insta NX® Blood Genomic DNA Purification Kit Sample processed : Malaria blood, WBC's, Plasma, Buffy coat See Pg. No. 669, 674	◆ MBIN001-12PR	12pr*
Insta NX® Blood RNA Purification Kit Sample processed: Whole blood See Pg. No. 669, 674	◆ MBIN021-12PR	12pr*
HiPurA® Bacterial Genomic DNA Purification Kit Principle : Column Based Sample material : 1.5ml culture. Total DNA yield : upto 20µg See Pg. No. 663	MB505-20PR MB505-50PR MB505-250PR MZ	20pr* 50pr* 250pr*
HiPurA® Bacterial RNA Purification Kit Principle : Column Based Sample material : upto 10 ⁷ bacterial cells. Total RNA yield : upto 40µg See Pg. No. 666	MB613-20PR MB613-50PR MB613-250PR MZ	20pr* 50pr* 250pr*
Insta NX® Bacterial Genomic DNA Purification Kit Sample processed : Body Fluids, Bacterial cultures, Blood See Pg. No. 669	MBIN006-12PR MZ	12pr*
HiPurA® Viral DNA Purification Kit Principle : Column Based Sample material : 200µl plasma or serum sample See Pg. No. 665	◆ MB575-20PR MB575-50PR MB575-250PR MZ	20pr* 50pr* 250pr*
HiPurA® Viral RNA Purification Kit Principle : Column Based Sample material : upto 200µl cell free extract / serum, upto 30mg tissue See Pg. No. 666, 686	◆ MB615-20PR MB615-50PR MB615-250PR MZ	20pr* 50pr* 250pr*
HiPurA® Viral DNA/ RNA Purification Kit New Principle : Column Based Sample material : upto 200µl See Pg. No. 666	◆ MB582-20PR MB582-50PR MB582-250PR MZ	20pr* 50pr* 250pr*
Insta NX® Viral DNA Purification Kit Sample processed : HPV, HBV Sample etc. See Pg. No. 669	◆ MBIN015-12PR MZ	12pr*
Insta NX® Viral RNA Purification Kit Sample processed : Dengue, HIV, HCV, Chikungunya samples See Pg. No. 669	◆ MBIN013-12PR MZ	12pr*

Hi-PCR® Real-Time Probe PCR Kits (Provided with Positive Control & Internal Control) **MZ**

Acute Febrile illness (AFI) Panel

Hi-PCR® Salmonella Probe PCR Kit See Pg. No. 682, 683, 686, 688	◆ MBPCR099-10R MBPCR099-50R	10r# 50r#
Generic Dengue Detection Kit (One-Step Real-Time Probe Based PCR)	◆ MBPCR101-10R MBPCR101-25R MBPCR101-50R	10r# 25r# 50r#
Hi-PCR® Dengue Serotyping Probe PCR Kit New	MBPCR137-10R MBPCR137-50R	10r# 50r#
Hi-PCR® Malaria Probe PCR Kit	◆ MBPCR111-10R MBPCR111-50R	10r# 50r#
Hi-PCR® Plasmodium species (Multiplex) Probe PCR Kit	◆ MBPCR135-10R MBPCR135-50R	10r# 50r#
Chikungunya Detection Kit (Real-Time Probe Based PCR)	◆ MBPCR112-10R MBPCR112-25R MBPCR112-50R	10r# 25r# 50r#
Hi-PCR® Mycobacterium tuberculosis Probe PCR Kit	◆ MBPCR108-10R MBPCR108-50R	10r# 50r#
Hi-PCR® Leptospira Probe PCR Kit New	◆ MBPCR104-10R MBPCR104-50R	10r# 50r#

Hi-PCR® Leptospira Probe PCR Kit (MBPCR104)



Sample	Ct value of Leptospira	Ct value of Internal control
Positive control	19.44	19.15
	19.73	19.22
	19.4	19.11
Negative control	N/A	16.68
		16.93
		16.71

Hi-PCR® Coronavirus (COVID-19) RUO Probe PCR Kit **New**

Kit detects novel Coronavirus [SARS-CoV-2], provided with PCR Reagents, Primer/Probe sets & Internal control.

Intended use for Research Purpose Only

Hi-PCR® Generic E. coli Probe PCR Kit New See Pg. No. 682, 683, 686	MBPCR238-10R MBPCR238-50R	10r# 50r#
Hi-PCR® E.coli O157:H7 Probe PCR Kit New See Pg. No. 682, 683, 687	MBPCR154-10R MBPCR154-50R	10r# 50r#

Product	Code	Packing
Hi-PCR® <i>Vibrio cholerae</i> Probe PCR Kit See Pg. No. 686	New MBPCR156-10R MBPCR156-50R	10r# 50r#
Hi-PCR® <i>Legionella</i> species Probe PCR Kit See Pg. No. 687	◆ MBPCR140-10R MBPCR140-50R	10r# 50r#
Hi-PCR® Human Papilloma Virus (HPV) Genotyping (Multiplex) Probe PCR Kit	MBPCR105-10R MBPCR105-50R	10r# 50r#
Hi-PCR® Hepatitis A Virus (HAV) Probe PCR Kit See Pg. No. 687	New MBPCR148-10R MBPCR148-50R	10r# 50r#
Hi-PCR® Hepatitis E Virus (HEV) Probe PCR Kit See Pg. No. 687	New MBPCR221-10R MBPCR221-50R	10r# 50r#
Hi-PCR® Rotavirus Probe PCR Kit See Pg. No. 687	New ◆ MBPCR151-10R MBPCR151-50R	10r# 50r#
Hi-PCR® Enterovirus Probe PCR Kit See Pg. No. 687	New MBPCR201-10R MBPCR201-50R	10r# 50r#
Hi-PCR® Astrovirus Probe PCR Kit See Pg. No. 687	New MBPCR206-10R MBPCR206-50R	10r# 50r#

Hi-PCR® Quantification Kits

Hi-PCR® <i>Salmonella</i> Quantification Probe PCR Kit See Pg. No. 687	New MBPCR196-50R	50r#
Hi-PCR® <i>E. coli</i> O157:H7 Quantification Probe PCR Kit See Pg. No. 687	New MBPCR198-50R	50r#

Antimicrobial drug Resistance (AMR)

Antimicrobial drug Resistance (AMR) Panel

Hi-PCR® Extended Spectrum β -Lactamases (ESBLs) Gene (Multiplex) Probe PCR Kit	◆ MBPCR131-10R MBPCR131-50R	10r# 50r#
Hi-PCR® Carbapenemase Gene (Multiplex) Probe PCR Kit	◆ MBPCR132-10R MBPCR132-50R	10r# 50r#
Hi-PCR® Methicillin Resistant <i>Staphylococcus aureus</i> (MRSA) (Multiplex) Probe PCR Kit	◆ MBPCR133-10R MBPCR133-50R	10r# 50r#
Hi-PCR® Vancomycin Resistant Enterococci (VRE) (Multiplex) Probe PCR Kit	◆ MBPCR134-10R MBPCR134-50R	10r# 50r#
Hi-PCR® Colistin Resistance Probe PCR Kit	New MBPCR209-10R MBPCR209-50R	10r# 50r#

Product

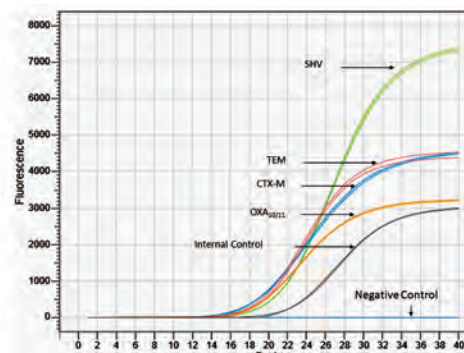
Code

Packing

Hi-PCR® AMR Quantification Kits

Hi-PCR® Extended Spectrum Beta-Lactamases (ESBLs) Gene Quantification Probe PCR Kit **New** MBPCR226-50R 50r#

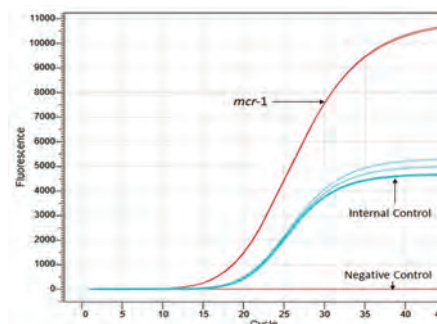
Hi-PCR® Extended Spectrum Beta-Lactamases (ESBLs) Gene Quantification Probe PCR Kit (MBPCR226)



Sample	Ct values of ESBL encoding gene targets				Ct value of Internal control
	SHV	TEM	CTX-M	OXA _{10/11}	
Positive control	21.43	19.50	18.56	18.69	23.17
	21.39	19.44	18.54	18.48	23.2
	21.41	19.44	18.53	18.60	23.18
Negative control	N/A	N/A	N/A	N/A	23.15
					23.19
					23.18

Hi-PCR® Colistin Resistance Encoding Gene Quantification Probe PCR Kit **New** MBPCR228-50R 50r#

Hi-PCR® Colistin Resistance Encoding Gene Quantification Probe PCR Kit (MBPCR228)

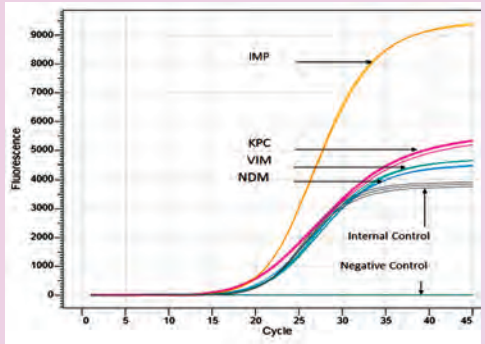


Sample	Ct value of mcr-1	Ct value of Internal control
Positive control	13.79	17.90
	13.82	17.84
	13.80	17.83
Negative control	N/A	17.85
		17.84
		17.89

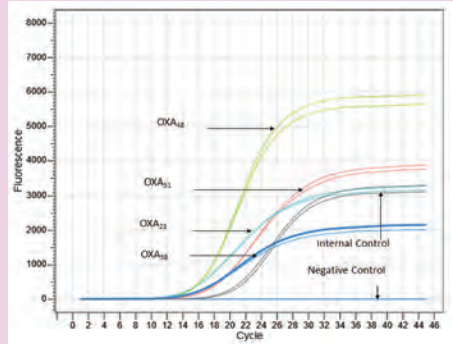
Product	Code	Packing
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Hi-PCR® Carbapenemase Gene Quantification Probe PCR Kit New	MBPCR227-50R	50r#
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Hi-PCR® Carbapenemase Gene Quantification Probe PCR Kit (MBPCR227)



Sample	Ct values of Carbapenemase gene targets				Ct value of Internal control
	KPC	NDM	VIM	IMP	
Positive control	21.43	19.50	18.56	18.69	23.17
	21.39	19.44	18.54	18.48	23.2
	21.41	19.44	18.53	18.60	23.18
Negative control	N/A	N/A	N/A	N/A	23.15
					23.19
					23.18



Sample	Ct values of Carbapenemase gene targets				Ct value of Internal control
	OXA ₂₃	OXA ₄₈	OXA ₅₁	OXA ₅₈	
Positive control	14.21	14.89	16.39	15.93	19.42
	14.18	14.79	16.42	15.88	19.51
	14.22	14.83	16.41	15.90	19.47
Negative control	N/A	N/A	N/A	N/A	19.43
					19.49
					19.50

Product	Code	Packing
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Extraction-PCR Combo Kits

Hi-PCR® Leptospira Detection Kit (Extraction and Probe PCR Combo Kit) New	MBT185-10PR MBT185-100PR	10pr* 100pr*
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This kit is designed for extraction of Leptospira DNA with extraction control along with sensitive and specific detection of Leptospira by Real-Time Probe Based PCR in clinical samples

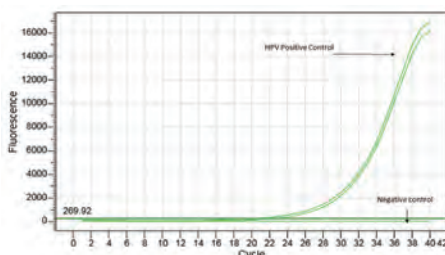
Real-time SYBr Based PCR Kits (Provided with Positive control) MZ

Hi-PCR® Mycoplasma SYBr PCR Kit	MBPCR015-10R MBPCR015-50R	10r# 50r#
Hi-PCR® Mycobacterium tuberculosis SYBr PCR Kit	◆ MBPCR017-10R MBPCR017-50R	10r# 50r#
Hi-PCR® E. coli O157:H7 SYBr PCR Kit See Pg. No. 683	◆ MBPCR023-10R MBPCR023-50R	10r# 50r#
Hi-PCR® Salmonella SYBr PCR Kit See Pg. No. 688	◆ MBPCR024-10R MBPCR024-50R	10r# 50r#
Hi-PCR® Listeria monocytogenes SYBr PCR Kit	◆ MBPCR025-10R MBPCR025-50R	10r# 50r#
Hi-PCR® Campylobacter jejuni SYBr PCR Kit	◆ MBPCR026-10R MBPCR026-50R	10r# 50r#
Hi-PCR® Vibrio cholerae SYBr PCR Kit	◆ MBPCR027-10R MBPCR027-50R	10r# 50r#
Hi-PCR® Legionella pneumophila SYBr PCR Kit	◆ MBPCR028-10R MBPCR028-50R	10r# 50r#
Hi-PCR® Cronobacter sakazakii SYBr PCR Kit	◆ MBPCR029-10R MBPCR029-50R	10r# 50r#
Hi-PCR® Klebsiella pneumoniae SYBr PCR Kit	◆ MBPCR057-10R MBPCR057-50R	10r# 50r#
Hi-PCR® Pseudomonas aeruginosa SYBr PCR Kit	◆ MBPCR058-10R MBPCR058-50R	10r# 50r#
Hi-PCR® Generic E.coli SYBr PCR Kit	◆ MBPCR059-10R MBPCR059-50R	10r# 50r#
Hi-PCR® Candida albicans SYBr PCR Kit	◆ MBPCR060-10R MBPCR060-50R	10r# 50r#
Hi-PCR® Bacillus subtilis SYBr PCR Kit	◆ MBPCR061-10R MBPCR061-50R	10r# 50r#
Hi-PCR® Shigella spp. SYBr PCR Kit	◆ MBPCR062-10R MBPCR062-50R	10r# 50r#
Hi-PCR® Staphylococcus aureus SYBr PCR Kit	◆ MBPCR064-10R MBPCR064-50R	10r# 50r#
Hi-PCR® Acinetobacter baumannii SYBr PCR Kit	◆ MBPCR065-10R MBPCR065-50R	10r# 50r#

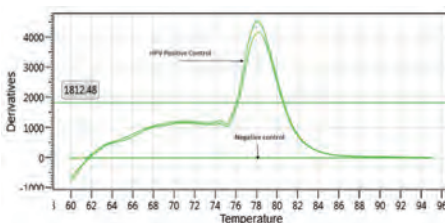
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Product	Code	Packing
Malaria Detection Kit (Real-time PCR)	◆ MBPCR092-10R MBPCR092-25R MBPCR092-50R	10r# 25r# 50r#
Hi-PCR® Generic Dengue SYBr PCR Kit	◆ MBPCR103-10R MBPCR103-50R	10r# 50r#
Hi-PCR® Chikungunya SYBr PCR Kit	◆ MBPCR083-10R MBPCR083-50R	10r# 50r#
Hi-PCR® Human Papilloma Virus (HPV) Universal Screening SYBr PCR Kit	MBPCR147-10R MBPCR147-25R MBPCR147-50R	10r# 25r# 50r#

Hi-PCR® Human Papilloma Virus (HPV) Universal Screening SYBr PCR Kit (MBPCR147)



Sample	Ct value of HPV	Tm Value
Positive control	21.23	78.2
	23.01	78.1
Negative control	N/A	N/A



Semi-Quantitative PCR Kits (Provided with Positive Control & Internal Control) MZ



Wee 32® (LA1060)



Prima-TRIO® (LA1006)

For more information see Molecular Biology instruments section

Hi-PCR® Campylobacter jejuni Semi-Q PCR Kit	◆ MBPCR001-10R MBPCR001-50R	10r# 50r#
Hi-PCR® E. coli O157:H7 Semi-Q PCR Kit	◆ MBPCR002-10R MBPCR002-50R	10r# 50r#
Hi-PCR® Vibrio cholerae Semi-Q PCR Kit	◆ MBPCR003-10R MBPCR003-50R	10r# 50r#

Product	Code	Packing
Hi-PCR® Salmonella Semi-Q PCR Kit See Page No. 688	◆ MBPCR004-10R MBPCR004-50R	10r# 50r#
Hi-PCR® Listeria monocytogenes Semi-Q PCR Kit	◆ MBPCR005-10R MBPCR005-50R	10r# 50r#
Hi-PCR® Legionella pneumophila Semi-Q PCR Kit	◆ MBPCR006-10R MBPCR006-50R	10r# 50r#
Hi-PCR® Methicillin Resistant Staphylococcus aureus (MRSA) Semi-Q PCR Kit (Uniplex)	◆ MBPCR008-10R MBPCR008-50R	10r# 50r#
Hi-PCR® Mycobacterium tuberculosis Semi-Q PCR Kit	◆ MBPCR009-10R MBPCR009-25R MBPCR009-50R	10r# 25r# 50r#
Hi-PCR® Beta-Thalassemia Semi-Q PCR Kit (Multiplex) This Multiplex kit is intended for specific and accurate detection of Beta-Thalassemia in Asian population. See Page No. 702	◆ MBPCR014-10R MBPCR014-25R MBPCR014-50R	10r# 25r# 50r#
Hi-PCR® Beta-Thalassemia Semi-Q PCR Kit (Uniplex) This Uniplex kit is intended for specific and accurate detection of mutant and normal Beta-Thalassemia in Asian population. See Page No. 702	◆ MBPCR014A-10R MBPCR014A-25R MBPCR014A-50R	10r# 25r# 50r#
Hi-PCR® Malaria Semi-Q PCR Kit (Multiplex) The kit is intended for specific detection of <i>P. vivax</i> & <i>P. falciparum</i>	◆ MBPCR016-10R MBPCR016-50R	10r# 50r#
Hi-PCR® Staphylococcus Cassette Chromosome (SCC) mec typing MRSA Semi-Q PCR Kit (Multiplex)	◆ MBPCR019-10R MBPCR019-50R	10r# 50r#
Hi-PCR® Methicillin Resistant Staphylococcus aureus (MRSA) Semi-Q PCR Kit (Multiplex)	◆ MBPCR020-10R MBPCR020-50R	10r# 50r#
Hi-PCR® Cronobacter sakazakii Semi-Q PCR Kit	◆ MBPCR030-10R MBPCR030-50R	10r# 50r#
Hi-PCR® Acinetobacter baumannii Semi-Q PCR Kit	◆ MBPCR038-10R MBPCR038-50R	10r# 50r#
Hi-PCR® Diarrhoeogenic E. coli Semi-Q PCR Kit (Multiplex)	◆ MBPCR039-10R MBPCR039-50R	10r# 50r#
Hi-PCR® Klebsiella pneumoniae Semi-Q PCR Kit	◆ MBPCR044-10R MBPCR044-50R	10r# 50r#
Hi-PCR® Pseudomonas aeruginosa Semi-Q PCR Kit	◆ MBPCR050-10R MBPCR050-50R	10r# 50r#
Hi-PCR® Generic E.coli Semi-Q PCR Kit	◆ MBPCR051-10R MBPCR051-50R	10r# 50r#
Hi-PCR® Candida albicans Semi-Q PCR Kit	◆ MBPCR052-10R MBPCR052-50R	10r# 50r#
Hi-PCR® Bacillus subtilis Semi-Q PCR Kit	◆ MBPCR053-10R MBPCR053-50R	10r# 50r#

Product	Code	Packing
Hi-PCR® Shigella spp. Semi-Q PCR Kit	◆ MBPCR054-10R MBPCR054-50R	10r# 50r#
Hi-PCR® Staphylococcus aureus Semi-Q PCR Kit	◆ MBPCR056-10R MBPCR056-50R	10r# 50r#
Hi-PCR® Clostridium sporogenes Semi-Q PCR Kit	◆ MBPCR074-10R MBPCR074-50R	10r# 50r#
Hi-PCR® Sepsis Pathogen Semi-Q PCR Kit (Multiplex) This kit is a sensitive and specific PCR kit that is designed for detection of specific micro-organisms causing a septic condition.	◆ MBPCR159-10R MBPCR159-50R	10r# 50r#
Hi-PCR® Salmonella enterica subsp. enterica Semi-Q PCR Kit	◆ MBPCR180-10R MBPCR180-50R	10r# 50r#
Hi-PCR® Generic Dengue Semi-Q PCR Kit	◆ MBPCR102-10R MBPCR102-50R	10r# 50r#
Hi-PCR® Human Papilloma Virus (HPV) Semi-Q PCR Kit New	◆ MBPCR225 -10R MBPCR225 -25R MBPCR225 -50R	10r# 25r# 50r#

Palm PCR Kits MZ



Red: LA998/LA1013-R

All the following kits will contain : PCR reagents, Primers, Positive controls and Palm PCR tubes

Hi-PCR® Palm E.coli O157:H7 Detection Kit	◆ MBPCR032-50R	50r#
Hi-PCR® Palm Salmonella Detection Kit	◆ MBPCR033-50R	50r#
Hi-PCR® Palm Mycobacterium tuberculosis Detection Kit	◆ MBPCR034-50R	50r#
Hi-PCR® Palm Malaria Detection Kit	◆ MBPCR035-50R	50r#
Hi-PCR® Palm Listeria monocytogens Detection Kit	◆ MBPCR036-50R	50r#
Hi-PCR® Palm Bacillus subtilis Detection Kit	◆ MBPCR040-50R	50r#
Hi-PCR® Palm Candida albicans Detection Kit	◆ MBPCR041-50R	50r#

Product	Code	Packing
Hi-PCR® Palm Pseudomonas aeruginosa Detection Kit	◆ MBPCR042-50R	50r#
Hi-PCR® Palm Staphylococcus aureus Detection Kit	◆ MBPCR043-50R	50r#
Hi-PCR® Palm Generic E.coli Detection Kit	◆ MBPCR045-50R	50r#
Hi-PCR® Palm Diarrhoeogenic E.coli Detection Kit	◆ MBPCR046-50R	50r#
Hi-PCR® Palm Shigella spp. Detection Kit	◆ MBPCR047-50R	50r#
Hi-PCR® Palm GMO (Genetically Modified Organisms) Detection Kit	◆ MBPCR048-50R	50r#
Hi-PCR® Palm Klebsiella pneumoniae Detection Kit	◆ MBPCR049-50R	50r#
Hi-PCR® Palm Acinetobacter baumannii Detection Kit	◆ MBPCR066-50R	50r#
Hi-PCR® Palm Clostridium sporogenes Detection Kit	◆ MBPCR067-50R	50r#
Hi-PCR® Palm Salmonella enterica subsp. enterica Detection Kit	◆ MBPCR068-50R	50r#
Hi-PCR® Palm Aspergillus brasiliensis Detection Kit	◆ MBPCR069-50R	50r#
Hi-PCR® Palm Generic Dengue Detection Kit (One Step RT-PCR)	◆ MBPCR082-50R	50r#
Hi-PCR® Palm White Spot Syndrome Virus (WSSV) Detection Kit	◆ MBPCR100-50R	50r#
Hi-PCR® Palm Methicillin Resistant Staphylococcus aureus Detection Kit	◆ MBPCR130-50R	50r#

Palm PCR Kits & Accessories

Palm PCR™ Kit Kit for Palm PCR machine. Kit includes : PCR accessories & PCR reagents	◆ MBPCR031-50R	50r#
Palm PCR™ -G1 Portable ultrafast PCR system	◆ LA998 - 1 NO	1 no
Palm PCR™ -G2 Portable ultrafast PCR system with multi-step isothermal functions	◆ LA1013 - 1 NO	1 no

Product

Code

Packing

Product

Code

Packing



Food Diagnostics

Food DNA Extraction Kits

Insta NX® Food Pathogen DNA Purification Kit (Salmonella) [Provided with Culture Media] Sample processed : Chocolate, Milk, Juice, Spices, Coffee, Baby food etc. See Pg. No. 669, 683	MBIN002-12PR	12pr*
Insta NX® Food DNA Purification Kit Sample processed: Milk, Chips, Butter etc. See Pg. No. 669, 683	MBIN014-12PR	12pr*
Insta NX® Food Pathogen DNA Purification Kit (Without Culture Media) Sample processed : Honey, Milk etc. See Pg. No. 669, 683	MBIN018-12PR	12pr*
HiPurA® Food Pathogen DNA Purification Kit (Salmonella)[Provided with culture media] This kit is used for extraction of <i>Salmonella</i> DNA from food samples. Principle : Column Based Sample material : 1.5ml of overnight enriched food sample, Store at 15-25°C See Pg. No. 665, 683	MB568-10PR MB568-25PR	10pr* 25pr*
HiPurA® Food Pathogen (Bacteria) DNA Purification Kit This kit is used for extraction of Bacterial DNA from food samples. Principle : Column Based Sample material : 1.5ml of overnight enriched food sample, Store at 15-25°C See Pg. No. 665, 683	MB568A-10PR MB568A-25PR	10pr* 25pr*
HiPurA® Food DNA Purification Kit This kit is used for extraction of total DNA from Food samples. Principle : Column Based Sample material : 100 -200mg food sample. See Pg. No. 665, 683	MB562-20PR MB562-50PR MB562-250PR	20pr* 50pr* 250pr*

Food Real-Time PCR Kits (Provided with Positive Control)

Probe Based Food PCR Kits

Hi-PCR® Salmonella Probe PCR Kit See Pg. No. 677, 683, 686, 688	MBPCR099-10R MBPCR099-50R	10r# 50r#
Hi-PCR® Generic E. coli Probe PCR Kit New See Pg. No. 677, 683, 686	MBPCR238-10R MBPCR238-50R	10r# 50r#
Hi-PCR® E.coli O157:H7 Probe PCR Kit New See Pg. No. 677, 683, 687	MBPCR154-10R MBPCR154-50R	10r# 50r#

SYBr Based Food PCR Kits

Hi-PCR® Generic E. coli Food SYBr PCR Kit See Pg. No. 683	MBPCR059A-10R MBPCR059A-50R	10r# 50r#
Hi-PCR® Salmonella Food SYBr PCR Kit See Pg. No. 683	MBPCR024A-10R MBPCR024A-50R	10r# 50r#

Hi-PCR® Listeria monocytogenes Food SYBr PCR Kit See Pg. No. 683	MBPCR025A-10R MBPCR025A-50R	10r# 50r#
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Food Semi-Quantitative PCR Kits (Provided with Positive Control & Internal Control)

Hi-PCR® Salmonella Food Semi-Q PCR Kit	MBPCR004A-10PR MBPCR004A-50PR	10pr* 50pr*
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Food DNA Extraction - PCR Combo Kits

Hi-PCR® E.coli O157:H7 and Salmonella spp. Food Detection Kit	MBT112-10PR MBT112-25PR	10pr* 25pr*
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Kit detects *E. coli* O157:H7 and *Salmonella* spp. from food samples.

Principle : Column based extraction followed by Semi-Q PCR.

Hi-PCR® E.coli O157:H7 and Salmonella spp. Food Detection Kit (Provided with culture media)	MBT113-10PR MBT113-25PR	10pr* 25pr*
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Kit detects *E. coli* O157:H7 and *Salmonella* spp. from food samples. This kit is provided with culture media for enrichment of food samples.

Principle : Column based extraction followed by Semi-Q PCR.

Food Heat Lysis - PCR Combo Kits

Hi-PCR® E.coli O157:H7 Food Detection Kit	MBT114-10PR MBT114-25PR	10pr* 25pr*
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Kit detects *E. coli* O157:H7 from food samples.
Principle : Short lysis followed by Semi-Q PCR.

Hi-PCR® E.coli O157:H7 Food Detection Kit (Provided with culture media)	MBT115-10PR MBT115-25PR	10pr* 25pr*
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Kit detects *E. coli* O157:H7 from food samples. This kit is provided with culture media for enrichment of food samples.
Principle : Short lysis followed by Semi-Q PCR

Hi-PCR® Salmonella Food Detection Kit	MBT116-10PR MBT116-25PR	10pr* 25pr*
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Kit detects *Salmonella* spp. from food samples.
Principle : Short lysis extraction followed by Semi-Q PCR

Hi-PCR® Salmonella Food Detection Kit (Provided with culture media)	MBT117-10PR MBT117-25PR	10pr* 25pr*
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Kit detects *Salmonella* spp. from food samples. This kit is provided with culture media for enrichment of food samples.
Principle : Short lysis extraction followed by Semi-Q PCR

Adulteration Identification Kits

Real-Time PCR Kits (Provided with Positive Control)

Hi-PCR® Pork SYBr PCR Kit	MBPCR098-10R MBPCR098-50R	10r# 50r#
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Hi-PCR® Pork Probe PCR Kit	MBPCR136-10R MBPCR136-50R	10r# 50r#
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Product

Code

Packing

Product

Code

Packing

Milk & Dairy Industry



Extraction Kits

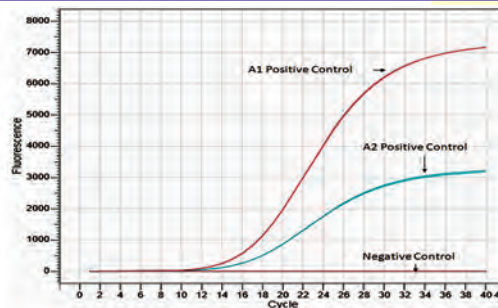
HiPurA® Food DNA Purification Kit This kit is used for extraction of total DNA from Food samples. Principle : Column Based Sample material : 100 -200mg food sample. See Pg. No. 665, 682	MB562-20PR	20pr*
	MB562-50PR	50pr*
	MB562-250PR	250pr*
HiPurA® Food Pathogen DNA Purification Kit (Salmonella)[Provided with culture media] This kit is provided with culture media for enrichment of food samples. Principle : Column Based Sample material : 1.5ml of overnight enriched food sample See Pg. No. 665, 682	MB568-10PR	10pr*
	MB568-25PR	25pr*
HiPurA® Food Pathogen (Bacteria) DNA Purification Kit This kit is used for extraction of Bacterial DNA from food samples. Principle : Column Based Sample material : 1.5ml of overnight enriched food sample See Pg. No. 665, 682	MB568A-10PR	10pr*
	MB568A-25PR	25pr*
Insta NX® Food Pathogen DNA Purification Kit (Salmonella) [Provided with Culture Media] Sample processed : Chocolate, Milk, Juice, Spices, Coffee, Baby food etc. See Pg. No. 669, 682	MBIN002-12PR	12pr*
Insta NX® Food DNA Purification Kit Sample processed : Milk, Chips, Butter etc. See Pg. No. 669, 682	MBIN014-12PR	12pr*
Insta NX® Food Pathogen DNA Purification Kit (Without Culture Media) Sample processed : Honey, Milk etc. See Pg. No. 669, 682	MBIN018-12PR	12pr*

PCR Kits

Hi-PCR® Milk Cow Probe PCR Kit (w/o Internal Control) New	MBPCR231-10R	10r#
	MBPCR231-50R	50r#
Hi-PCR® Milk Buffalo Probe PCR Kit (w/o Internal Control) New	MBPCR232-10R	10r#
	MBPCR232-50R	50r#
Hi-PCR® Milk Buffalo Probe PCR Kit New	MBPCR235-10R	10r#
	MBPCR235-50R	50r#
Hi-PCR® Milk Cow Probe PCR Kit New	MBPCR236 -10R	10r#
	MBPCR236 -50R	50r#
Hi-PCR® Milk Adulteration Probe PCR Kit (Bovine) (w/o Internal Control) New	MBPCR229-10R	10r#
	MBPCR229-50R	50r#
Hi-PCR® Milk Adulteration Probe PCR Kit (Bovine) New	MBPCR237-10R	10r#
	MBPCR237-50R	50r#

Hi-PCR® A1A2 Probe PCR Kit (w/o Internal Control) New	MBPCR230-10R	10r#
	MBPCR230-50R	50r#

Hi-PCR® A1A2 Probe PCR Kit (w/o Internal Control) (MBPCR230)



Sample	Ct value of A1	Ct value of A2
Positive control	18.63	19.93
	18.65	19.92
	18.65	19.92
Negative control	N/A	N/A

Hi-PCR® A1A2 Probe PCR Kit New	MBPCR199-10R	10r#
	MBPCR199-50R	50r#

Hi-PCR® A1 Probe PCR Kit (w/o Internal Control) New	MBPCR233-10R	10r#
	MBPCR233-50R	50r#

Hi-PCR® A2 Probe PCR Kit (w/o Internal Control) New	MBPCR234-10R	10r#
	MBPCR234-50R	50r#

Hi-PCR® Salmonella Probe PCR Kit See Pg. No. 677, 682, 686, 688	MBPCR099-10R	10r#
	MBPCR099-50R	50r#

Hi-PCR® E.coli O157:H7 Probe PCR Kit New See Pg. No. 677, 682, 687	MBPCR154-10R	10r#
	MBPCR154-50R	50r#

Hi-PCR® Generic E. coli Probe PCR Kit New See Pg. No. 677, 682, 686	MBPCR238-10R	10r#
	MBPCR238-50R	50r#

Hi-PCR® E. coli O157:H7 SYBr PCR Kit See Pg. No. 679	MBPCR023-10R	10r#
	MBPCR023-50R	50r#

Hi-PCR® Generic E. coli Food SYBr PCR Kit See Pg. No. 682	MBPCR059A-10R	10r#
	MBPCR059A-50R	50r#

Hi-PCR® Salmonella Food SYBr PCR Kit See Pg. No. 682	MBPCR024A-10R	10r#
	MBPCR024A-50R	50r#

Hi-PCR® Listeria monocytogenes Food SYBr PCR Kit See Pg. No. 682	MBPCR025A-10R	10r#
	MBPCR025A-50R	50r#

Product

Code

Packing

Product

Code

Packing



Seafood Diagnostic Kits

Extraction Kits

HiPurA® Shrimp DNA Purification Kit New MB581-20PR **20pr***
 MB581-50PR **50pr***
 MB581-250PR **250pr***
 Principle : Column Based,
 Sample material : 100 mg infected tissue sample
 See Pg. No. 665

Insta NX® Tissue Genomic DNA Purification Kit ◆ MBIN003-12PR **12pr***
 Sample processed : Fish, Chicken, Human tissue, Pork, Goat tissue, Beef, Horse, Sea food etc.
 See Pg. No. 669, 674

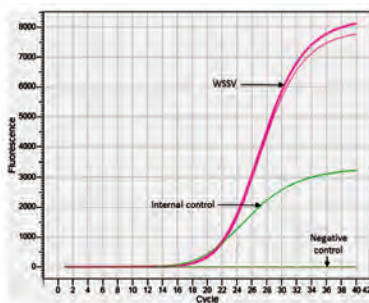
PCR Kits

Hi-PCR® White Spot Syndrome Virus (WSSV) Semi-Q PCR Kit MBPCR013-10R **10r#**
 MBPCR013-25R **25r#**
 MBPCR013-50R **50r#**

Hi-PCR® White Spot Syndrome Virus (WSSV) SYBR PCR Kit MBPCR093-10R **10r#**
 MBPCR093-25R **25r#**
 MBPCR093-50R **50r#**

Hi-PCR® White Spot Syndrome Virus (WSSV) Probe PCR Kit MBPCR187-10R **10r#**
 MBPCR187-50R **50r#**

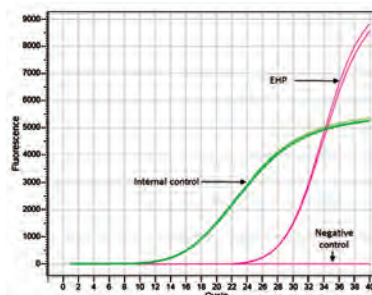
Hi-PCR® White Spot Syndrome Virus (WSSV) Probe PCR Kit (MBPCR187)



Sample	Ct value of WSSV	Ct value of Internal control
Positive control	21.84	19.49
	21.99	19.49
	21.90	19.44
Negative control	N/A	19.44
		19.43
		19.45

Hi-PCR® Enterocytozoon hepatopenaei (EHP) Probe PCR Kit New MBPCR191-10R **10r#**
 MBPCR191-50R **50r#**

Hi-PCR® Enterocytozoon hepatopenaei (EHP) Probe PCR Kit (MBPCR191)



Sample	Ct value of EHP	Ct value of Internal control
Positive control	27.51	16.49
	27.42	16.61
	27.50	16.70
Negative control	N/A	16.57
		16.60
		16.49

Extraction & PCR Combo Kit New

Hi-PCR® Enterocytozoon hepatopenaei (EHP) Detection Kit (Extraction and Probe PCR Combo Kit) New MBT179-10PR **10pr***
 MBT179-50PR **50pr***

Sample material : 100 mg infected tissue sample

Hi-PCR® White Spot Syndrome Virus (WSSV) Detection Kit (Extraction and Probe PCR Combo Kit) New MBT178-10PR **10pr***
 MBT178-50PR **50pr***

Sample material : 100 mg infected tissue sample

Hi-PCR® White Spot Syndrome Virus (WSSV) Detection Kit (Extraction and Semi-Q PCR Combo Kit) New MBT183-25PR **25pr***
 MBT183-50PR **50pr***

Sample material : 100 mg infected tissue sample

A2 Milk®



Ordinary milk



MBPCR230 - Hi-PCR® A1A2 Probe PCR Kit

- Ready-to-use kit for sensitive and specific detection
- A2 milk can be confirmed only by PCR testing
- Several studies have proven the benefits of A2 β-casein milk & the health risks of A1 β-casein milk consumption
- A2 milk has been shown to prevent obesity along with improvement in digestion & brain function
- Histidine is replaced by Proline in A2 milk; preventing production of BCM7 [β-casomorphin-7] that is responsible for Type I Diabetes, Heart diseases, Autism, etc.

Product

Code

Packing

Product

Code

Packing

GMO Detection



Extraction Kits

HiPurA® Plant Genomic DNA Miniprep Purification Kit MB507-20PR 20pr*
MB507-50PR 50pr*
MB507-250PR 250pr*
Principle : Column Based
Sample material : 100mg plant tissue.
Total DNA yield : upto 40µg
See Pg. No. 663

HiPurA® SuperPlant DNA Purification Kit (For purification of DNA from plants rich in polyphenols) MB571-20PR 20pr*
MB571-50PR 50pr*
MB571-250PR 250pr*
Principle : Column Based
Sample material : 200mg plant tissue.
Total DNA yield : upto 50µg
See Pg. No. 663

Insta NX® Plant Genomic DNA Purification Kit MBIN005-12PR 12pr*
Sample processed : Rice roots, wheat seedling
Soyabean seeds, Groundnut
See Pg. No. 669

Insta NX® SuperPlant DNA Purification Kit MBIN016-12PR 12pr*
Sample processed : Banana, Sugarcane,
Mango, Mangroves, Ayurvedic herbs, Palm oil,
Cotton balls, Cotton lint, Okra leaves
See Pg. No. 669

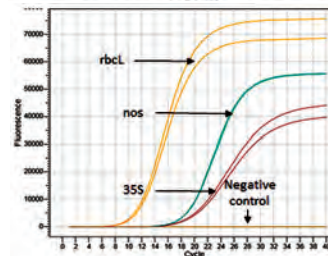
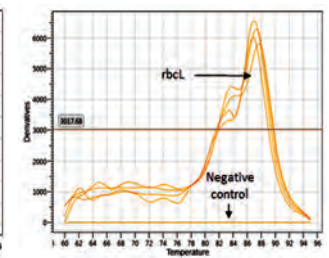
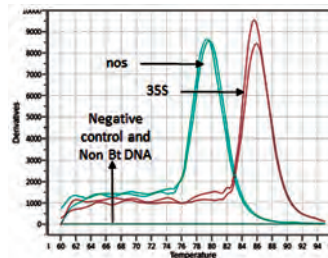
Semi-Quantitative PCR Kit

Hi-PCR® GMO (Genetically Modified Organism) Semi-Q PCR Kit MBPCR055-10R 10r#
MBPCR055-50R 50r#

Real-time PCR Kit (SYBr Based)

Hi-PCR® GMO (Genetically Modified Organism) SYBr PCR Kit MBPCR063-10R 10r#
MBPCR063-50R 50r#

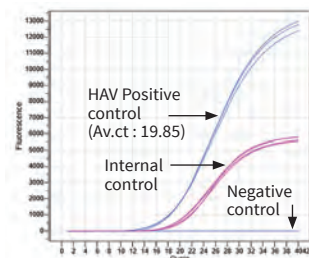
GMO Detection Kit (MBPCR063)



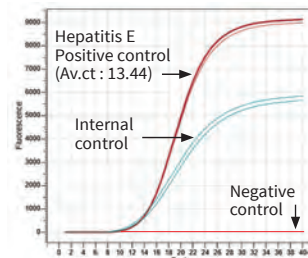
Positive Control	Sample		35S	nos	RbcL																								
			<table border="1"> <tr> <td rowspan="2">Bt Cotton DNA</td> <td>Ct value</td> <td>18.2</td> <td>20.3</td> <td>11.8</td> </tr> <tr> <td>Tm value</td> <td>85.9</td> <td>79.7</td> <td>87.7</td> </tr> </table>	Bt Cotton DNA	Ct value	18.2	20.3	11.8	Tm value	85.9	79.7	87.7	<table border="1"> <tr> <td rowspan="2">Non-Bt Cotton DNA</td> <td>Ct value</td> <td>N/A</td> <td>N/A</td> <td>11.0</td> </tr> <tr> <td>Tm value</td> <td>N/A</td> <td>N/A</td> <td>85.9</td> </tr> </table>	Non-Bt Cotton DNA	Ct value	N/A	N/A	11.0	Tm value	N/A	N/A	85.9	<table border="1"> <tr> <td rowspan="2">Negative Control</td> <td>Ct value</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Tm value</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> </table>	Negative Control	Ct value	N/A	N/A	N/A	Tm value
Bt Cotton DNA	Ct value	18.2	20.3		11.8																								
	Tm value	85.9	79.7	87.7																									
Non-Bt Cotton DNA	Ct value	N/A	N/A	11.0																									
	Tm value	N/A	N/A	85.9																									
Negative Control	Ct value	N/A	N/A	N/A																									
	Tm value	N/A	N/A	N/A																									

Know About Your Water... Amplify to Detect

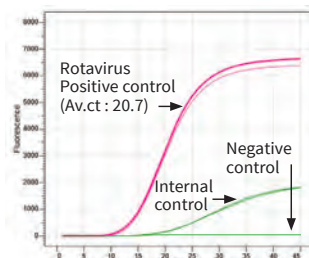
Hepatitis A Virus Detection



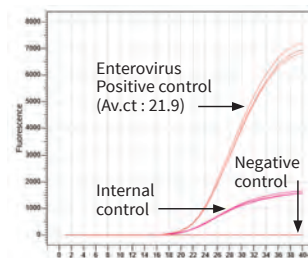
Hepatitis E Virus Detection



Rotavirus Detection



Enterovirus Detection



Hi-PCR® Probe PCR Kits for Virus Detection

• MBPCR148
Hepatitis A

• MBPCR221
Hepatitis E

• MBPCR151
Rotavirus

• MBPCR201
Enterovirus

• MBPCR206
Astrovirus

Product

Code

Packing

Product

Code

Packing



Water and Beverage Diagnostics

Extraction Kits

HiPurA® Water DNA Purification Kit (with enrichment) Principle : Column Based Sample material : 10 -15ml water. See Pg. No. 664	MB547-20PR	20pr*
	MB547-50PR	50pr*
	MB547-250PR	250pr*
HiPurA® Water DNA Purification Kit (without enrichment) Principle : Column Based Sample material : upto 1ltr. water. See Pg. No. 664	MB577-20PR	20pr*
	MB577-50PR	50pr*
	MB577-250PR	250pr*
HiPurA® Food DNA Purification Kit This kit is used for extraction of total DNA from Food samples. Principle : Column Based Sample material : 100 -200mg food sample. Store at 15-25°C See Pg. No. 665, 682, 683	MB562-20PR	20pr*
	MB562-50PR	50pr*
	MB562-250PR	250pr*
HiPurA® Water Viral RNA Purification Kit Principle : Column Based Sample Material : 1L Water See Pg. No. 666	New MB620-20PR	20pr*
	MB620-50PR	50pr*
HiPurA® Water Viral RNA Purification Kit (with Nitrocellulose membrane filter) Principle : Column Based See Pg. No. 666	New MB620A-20PR	20pr*
	MB620A-50PR	50pr*
Insta NX® Water DNA Purification Kit See Pg. No. 669	MBIN010-12PR	12pr*
	MBIN028-12PR	12pr*
Hi-FiBloE™ Nylon Membrane for Filtration Pore Size: 0.22 µm Dimensions: 47mm diameter See Pg. No. 664, 669	New MBM008-50SH	50sh

Extraction & PCR Combo Kits

Hi-PCR® Vibrio cholerae Water Detection Kit	MBT146-50PR	50pr*
	MBT146-100PR	100pr*
Hi-PCR® E.coli O157:H7 Water Detection Kit	MBT147-50PR	50pr*
	MBT147-100PR	100pr*
Hi-PCR® Salmonella Water Detection Kit	MBT148-50PR	50pr*
	MBT148-100PR	100pr*
Hi-PCR® Legionella spp. Water Detection Kit (For detection of Legionella species in water)	MBT142-10PR	10pr*
	MBT142-50PR	50pr*
	MBT142-100PR	100pr*

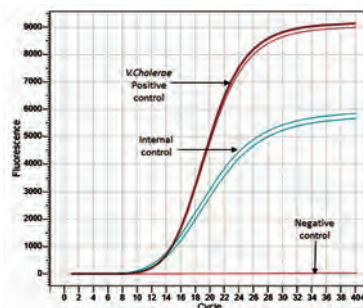
PCR Kits (Internal control not provided)

Hi-PCR® Generic E.coli Probe PCR Kit (w/o Internal Control)	New MBPCR153-10R	10r#
	MBPCR153-50R	50r#
Hi-PCR® Total Coliform Probe PCR Kit (w/o Internal Control)	New MBPCR200-10R	10r#
	MBPCR200-50R	50r#
Hi-PCR® Salmonella Probe PCR Kit (w/o Internal Control)	New MBPCR099A-10R	10r#
	MBPCR099A-50R	50r#
Hi-PCR® Vibrio cholerae Probe PCR Kit (w/o Internal Control)	New MBPCR156A-10R	10r#
	MBPCR156A-50R	50r#
Hi-PCR® Hepatitis A Virus Probe PCR Kit (w/o Internal Control)	New MBPCR148A-10R	10r#
	MBPCR148A-50R	50r#
Hi-PCR® Hepatitis E Virus Probe PCR Kit(w/o Internal Control)	New MBPCR192-10R	10r#
	MBPCR192-50R	50r#
Hi-PCR® Enterovirus Probe PCR Kit (w/o Internal Control)	New MBPCR201A-10R	10r#
	MBPCR201A-50R	50r#
Hi-PCR® Rotavirus Probe PCR Kit (w/o Internal Control)	New MBPCR151A-10R	10r#
	MBPCR151A-50R	50r#
Hi-PCR® E.coli O157:H7 Probe PCR Kit (w/o Internal Control)	New MBPCR154A-10R	10r#
	MBPCR154A-50R	50r#
Hi-PCR® Astrovirus Probe PCR Kit (w/o Internal Control)	New MBPCR206A-10R	10r#
	MBPCR206A-50R	50r#

PCR Kits (Provided with Internal Control)

Hi-PCR® Generic E. coli Probe PCR Kit See Pg. No. 677, 682, 683	New MBPCR238-10R	10r#
	MBPCR238-50R	50r#
Hi-PCR® Total Coliform Probe PCR Kit	New MBPCR239-10R	10r#
	MBPCR239-50R	50r#
Hi-PCR® Salmonella Probe PCR Kit See Pg. No. 677, 682, 683, 688	MBPCR099-10R	10r#
	MBPCR099-50R	50r#
Hi-PCR® Vibrio cholerae Probe PCR Kit See Pg. No. 677	New MBPCR156-10R	10r#
	MBPCR156-50R	50r#

Hi-PCR® Vibrio cholerae Probe PCR Kit (MBPCR156)



Sample	Ct value of V.cholerae	Ct value of Internal control
Positive control	14.94	13.07
	14.94	13.63
	14.93	13.63
Negative control	N/A	13.65
		13.67
		13.65

Product

Code

Packing

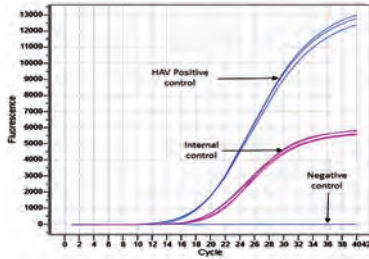
Hi-PCR® Hepatitis A Virus (HAV) Probe PCR Kit
 See Pg. No. 678

New

MBPCR148-10R
MBPCR148-50R

10r#
50r#

Hi-PCR® Hepatitis A Virus Probe PCR Kit (MBPCR148)



Sample	Ct value of HAV	Ct value of Internal control
Positive control	18.5	19.61
	18.62	19.72
	18.48	20.22
Negative control	N/A	20.58
		20.32
		20.54
		20.54

Hi-PCR® Hepatitis E Virus (HEV) Probe PCR Kit
 See Pg. No. 678

New

MBPCR221-10R
MBPCR221-50R

10r#
50r#

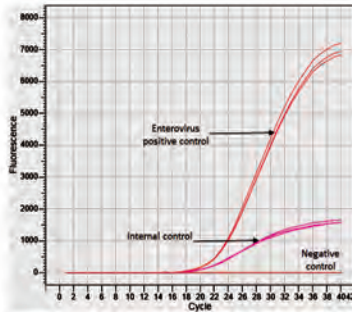
Hi-PCR® Enterovirus Probe PCR Kit
 See Pg. No. 678

New

MBPCR201-10R
MBPCR201-50R

10r#
50r#

Hi-PCR® Enterovirus Probe PCR Kit (MBPCR201)



Sample	Ct value of Enterovirus	Ct value of Internal control
Positive control	22.76	21.89
	22.88	22.01
	22.84	21.97
Negative control	N/A	21.88
		21.94
		21.90
		21.90

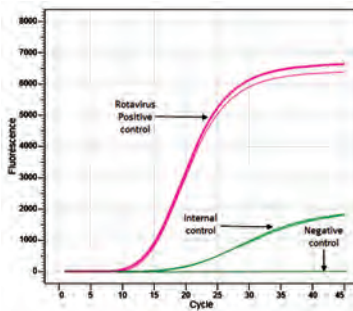
Hi-PCR® Rotavirus Probe PCR Kit
 See Pg. No. 678

New

MBPCR151-10R
MBPCR151-50R

10r#
50r#

Hi-PCR® Rotavirus Probe PCR Kit (MBPCR151)



Sample	Ct value of Rotavirus	Ct value of Internal control
Positive control	14.13	20.65
	14.12	20.64
	13.74	20.95
Negative control	N/A	20.45
		20.55
		20.51
		20.51

Product

Code

Packing

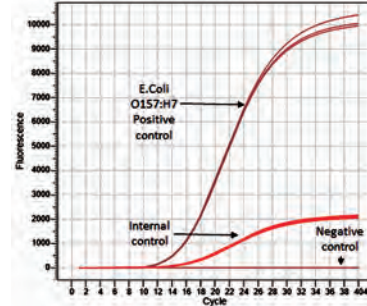
Hi-PCR® E.coli O157:H7 Probe PCR Kit
 See Pg. No. 677, 682, 683

New

MBPCR154-10R
MBPCR154-50R

10r#
50r#

Hi-PCR® E.coli O157:H7 Probe PCR Kit (MBPCR154)



Sample	Ct value of E.Coli O157:H7	Ct value of Internal control
Positive control	15.78	16.05
	15.79	16.24
	15.66	16.48
Negative control	N/A	16.97
		16.62
		16.78
		16.78

Hi-PCR® Legionella species Probe PCR Kit
 See Pg. No. 677

MBPCR140-10R
MBPCR140-50R

10r#
50r#

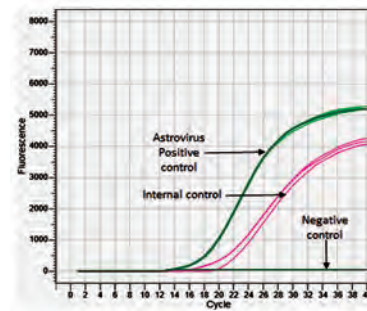
Hi-PCR® Astrovirus Probe PCR Kit
 See Pg. No. 678

New

MBPCR206-10R
MBPCR206-50R

10r#
50r#

Hi-PCR® Astrovirus Probe PCR Kit (MBPCR206)



Sample	Ct value of Astrovirus	Ct value of Internal control
Positive control	18.35	20.88
	18.31	20.93
	18.48	20.29
Negative control	N/A	21.35
		21.43
		21.58
		21.58

Hi-PCR® Quantification Kits

Hi-PCR® Salmonella Quantification Probe PCR Kit
 See Pg. No. 678

New

MBPCR196-50R

50r#

Hi-PCR® E. coli O157:H7 Quantification Probe PCR Kit
 See Pg. No. 678

New

MBPCR198-50R

50r#

Product

Code

Packing

Product

Code

Packing

Price in ₹



Veterinary Diagnostics

Semi-Q PCR Kits

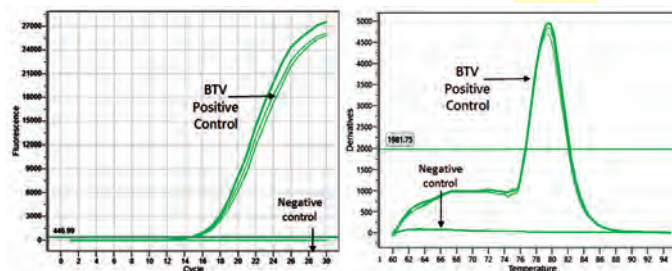
Hi-PCR® Salmonella Semi-Q PCR Kit See Pg. No. 680	MBPCR004-10R MBPCR004-50R	10r# 50r#
Hi-PCR® Hemorrhagic septicemia Semi-Q PCR Kit	MBPCR109-10R MBPCR109-50R	10r# 50r#
Hi-PCR® Brucella Semi-Q PCR Kit	MBPCR113-10R MBPCR113-50R	10r# 50r#
Hi-PCR® Mycoplasma gallisepticum Semi-Q PCR Kit	MBPCR114-10R MBPCR114-50R	10r# 50r#
Hi-PCR® Theileria Semi-Q PCR Kit	MBPCR115-10R MBPCR115-50R	10r# 50r#
Hi-PCR® Peste des petits ruminants (PPR) Semi-Q PCR Kit	MBPCR116-10R MBPCR116-50R	10r# 50r#
Hi-PCR® Babesia bigemina Semi-Q PCR Kit	MBPCR117-10R MBPCR117-50R	10r# 50r#
Hi-PCR® Newcastle Disease Virus (NDV) Semi-Q PCR Kit	MBPCR118-10R MBPCR118-50R	10r# 50r#
Hi-PCR® Capripox Semi-Q PCR Kit	MBPCR119-10R MBPCR119-50R	10r# 50r#
Hi-PCR® Infectious Bovine Rhinotracheitis (IBR) Semi-Q PCR Kit (for detection of Bovine Herpes Virus Type 1)	MBPCR120-10R MBPCR120-50R	10r# 50r#
Hi-PCR® Trypanosoma evansi Semi-Q PCR Kit New	MBPCR212-10R MBPCR212-50R	10r# 50r#
Hi-PCR® Brucella canis Semi-Q PCR Kit New	MBPCR213-10R MBPCR213-50R	10r# 50r#
Hi-PCR® Blue Tongue Virus (BTV) Semi-Q PCR Kit New	MBPCR223 - 10R MBPCR223 - 50R	10r# 50r#

Real-Time SYBr Based PCR Kits

Hi-PCR® Salmonella SYBr PCR Kit See Pg. No. 679	MBPCR024-10R MBPCR024-50R	10r# 50r#
Hi-PCR® Brucella SYBr PCR Kit	MBPCR121-10R MBPCR121-50R	10r# 50r#
Hi-PCR® Mycoplasma gallisepticum SYBr PCR Kit	MBPCR122-10R MBPCR122-50R	10r# 50r#
Hi-PCR® Theileria SYBr PCR Kit	MBPCR123-10R MBPCR123-50R	10r# 50r#
Hi-PCR® Peste des petits ruminants (PPR) SYBr PCR Kit	MBPCR124-10R MBPCR124-50R	10r# 50r#
Hi-PCR® Babesia bigemina SYBr PCR Kit	MBPCR125-10R MBPCR125-50R	10r# 50r#
Hi-PCR® Newcastle Disease Virus (NDV) SYBr PCR Kit	MBPCR126-10R MBPCR126-50R	10r# 50r#

Hi-PCR® Capripox SYBr PCR Kit	MBPCR127-10R MBPCR127-50R	10r# 50r#
Hi-PCR® Infectious Bovine Rhinotracheitis (IBR) SYBr PCR Kit (for detection of Bovine Herpes Virus Type 1)	MBPCR128-10R MBPCR128-50R	10r# 50r#
Hi-PCR® Hemorrhagic septicemia (HS) SYBr PCR Kit	MBPCR129-10R MBPCR129-50R	10r# 50r#
Hi-PCR® Trypanosoma evansi SYBr PCR Kit New	MBPCR214-10R MBPCR214-50R	10r# 50r#
Hi-PCR® Brucella canis SYBr PCR Kit New	MBPCR215-10R MBPCR215-50R	10r# 50r#
Hi-PCR® Blue Tongue Virus (BTV) SYBr PCR Kit New	MBPCR224 - 10R MBPCR224 - 50R	10r# 50r#

Hi-PCR® Blue Tongue Virus (BTV) PCR SYBr Kit (MBPCR224)



Sample	Ct value of BTV	Tm value
Positive control	18.35	79.6
	18.87	79.5
	18.62	79.4
Negative control	N/A	N/A

Real-Time Probe Based PCR Kits

Hi-PCR® Salmonella Probe PCR Kit See Pg. No. 677, 682, 683, 686	MBPCR099-10R MBPCR099-50R	10r# 50r#
Hi-PCR® Brucella Probe PCR Kit	MBPCR162-10R MBPCR162-50R	10r# 50r#
Hi-PCR® Pox Probe PCR Kit	MBPCR163-10R MBPCR163-50R	10r# 50r#
Hi-PCR® Infectious Bovine Rhinotracheitis (IBR) Probe PCR Kit	MBPCR164-10R MBPCR164-50R	10r# 50r#
Hi-PCR® Theileria Probe PCR Kit	MBPCR165-10R MBPCR165-50R	10r# 50r#
Hi-PCR® Newcastle Disease Virus (NDV) Probe PCR Kit	MBPCR166-10R MBPCR166-50R	10r# 50r#
Hi-PCR® Mycoplasma gallisepticum Probe PCR Kit	MBPCR167-10R MBPCR167-50R	10r# 50r#

Product	Code	Packing
Hi-PCR® Peste des petits ruminants (PPR) Probe PCR Kit	MBPCR168-10R	10r#
	MBPCR168-50R	50r#
Hi-PCR® Hemorrhagic Septicemia (HS) Probe PCR Kit	MBPCR169-10R	10r#
	MBPCR169-50R	50r#
Toxin Detection Kit		
HiPurA® Toxin Detection Kit (Spot Test) New	MBTD001-10TST	10test
<p>Sample material : upto 500µl whole blood, plasma, serum, tissue Biochemical Assay for detection of toxins from biological samples such as Urine, stool, water, soil etc.</p>		
<p>Toxins Detected using MBTD001</p> <ul style="list-style-type: none"> ▪Hydrocyanin acid ▪Oxalic Acid ▪Oxalate ▪Nitrate / Nitrite ▪Lead ▪Arsenic ▪Argemone ▪Tannin ▪Sulfide 		

Product	Code	Packing
		
MBTD001-HiPurA® Toxin Detection Kit		

REVERSE TRANSCRIPTION & PCR KITS FOR RESEARCH APPLICATIONS

PCR Kits		
Hi-PCR Kit A pack of individual reagents required for PCR.	MBT075-10R	10r#
	MBT075-25R	25r#
Multiplex PCR Kit The kit is designed for parallel amplification of multiple fragments in a single PCR assay.	MBT118-25R	25r#
	MBT118-100R	100r#

Direct Blood PCR Kit This kit offers very fast, highly-specific, direct PCR from a wide range of human and animal whole blood samples, including those preserved with anticoagulants stored at different temperatures from +4°C, -20°C and / or -70°C.	MBPCR171-10R	10r#
	MBPCR171-100R	100r#

Universal PCR Kits

Semi-Quantitative PCR Kits		
Hi-PCR® 16S rRNA Semi-Q PCR Kit	MBPCR094-10R	10r#
	MBPCR094-50R	50r#
Hi-PCR® 18S rRNA Semi-Q PCR Kit	MBPCR095-10R	10r#
	MBPCR095-50R	50r#
Hi-PCR® Fungal ITS Semi-Q PCR Kit	MBPCR096-10R	10r#
	MBPCR096-50R	50r#
Hi-PCR® Plant Semi-Q PCR Kit	MBPCR188-10R	10r#
	MBPCR188-50R	50r#

Real-Time PCR Kits		
Hi-PCR® 16S rRNA SYBr PCR Kit	MBPCR087-10R	10r#
	MBPCR087-50R	50r#
Hi-PCR® 18S rRNA SYBr PCR Kit	MBPCR088-10R	10r#
	MBPCR088-50R	50r#
Hi-PCR® Fungal ITS SYBr PCR Kit	MBPCR097-10R	10r#
	MBPCR097-50R	50r#
Hi-PCR® Plant SYBr PCR Kit	MBPCR189-10R	10r#
	MBPCR189-50R	50r#



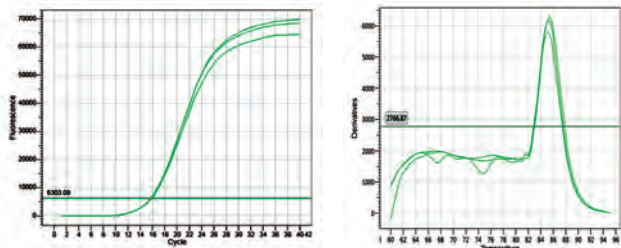
Reverse Transcription PCR Kits

Hi-cDNA Synthesis Kit

A pack of individual reagents required for synthesis of cDNA.

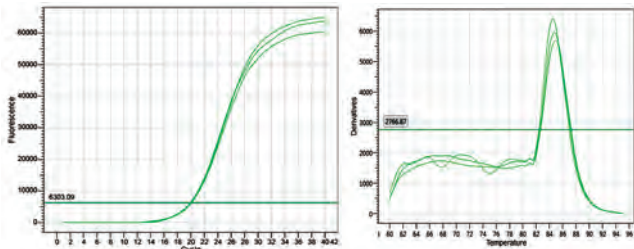
MBT076-10R	10r#
MBT076-25R	25r#
MBT076-100R	100r#

HiMedia's Hi-cDNA Synthesis Kit (MBT076)



Ct Value	Tm value
15.95	85.4
15.73	85.1
15.78	85.3

Competitor's cDNA Synthesis Kit



Ct Value	Tm value
20.12	84.9
19.96	84.8
20.07	84.5

HiScript Two Step RT-PCR Kit

Convenient formulation for performing cDNA synthesis and PCR amplification.

MBT138-10R	10r#
MBT138-25R	25r#
MBT138-50R	50r#

HiScript One Step RT-PCR Kit (Semi-Q PCR Based)

Convenient one-step formulation for performing cDNA synthesis and PCR amplification in a single tube.

MBT095-10R	10r#
MBT095-25R	25r#
MBT095-50R	50r#

Hi-Quanti One Step SYBr Based RT-PCR Kit (Real time PCR Based)

Convenient one-step formulation for performing cDNA synthesis and Real time SYBr PCR amplification in a single tube.

MBT128-10R	10r#
MBT128-25R	25r#
MBT128-50R	50r#
MBT128-2X50R	2x50r#

Hi-Quanti One Step Probe Based RT-PCR Kit

Convenient one-step formulation for performing cDNA synthesis & Real time Probe based PCR amplification in a single tube

MBT181-10R	10r#
MBT181-25R	25r#
MBT181-50R	50r#

Palm One Step RT-PCR Kit

Convenient one-step formulation for performing high speed RT-PCR reaction with high accuracy and sensitivity in Palm PCR™ Machine (Code : LA1013).

MBT136-10R	10r#
MBT136-25R	25r#
MBT136-50R	50r#

ENZYMES & REAGENTS FOR REVERSE TRANSCRIPTION & PCR

Reverse Transcription Enzymes

M-MuLV Reverse Transcriptase (RNase H-) (Concentration: 200 units/μl) Application : For synthesis of cDNA from RNA	MBT072-1000U	1000u
	MBT072-5000U	5000u

AMV Reverse Transcriptase (Concentration 20 units/μl) Application : For synthesis of cDNA from RNA	MBT073-100U	100u
	MBT073-250U	250u

DNA Polymerases

Supplied with 10X Buffer A with / without MgCl₂, 10X Buffer S with 17.5 mM MgCl₂, 50mM MgCl₂, Enzyme vial

Taq Polymerase (5 units/μl) (10X Buffer A without MgCl ₂)	MBT060-500U	500u
	MBT060-1000U	1000u
	MBT060-5000U	5000u
	MBT060-20x500U	20x500u

Taq Polymerase (5 units/μl) (10X Buffer A with MgCl ₂)	MBT060A-500U	500u
	MBT060A-1000U	1000u
	MBT060A-5000U	5000u
	MBT060A-20x500U	20x500u

Taq Polymerase (3 units/μl) (10X Buffer A without MgCl ₂)	MBT060B-500U	500u
	MBT060B-1000U	1000u
	MBT060B-5000U	5000u
	MBT060B-20x500U	20x500u

Taq Polymerase (3 units/μl) (10X Buffer A with MgCl ₂)	MBT060C-500U	500u
	MBT060C-1000U	1000u
	MBT060C-5000U	5000u
	MBT060C-20x500U	20x500u

Product	Code	Packing
Taq Polymerase (1 unit/μl) (10X Buffer A without $MgCl_2$)	MBT060D-500U MBT060D-1000U MBT060D-5000U MBT060D-20x500U	500u 1000u 5000u 20x500u
Taq Polymerase (1 unit/μl) (10X Buffer A with $MgCl_2$)	MBT060E-500U MBT060E-1000U MBT060E-5000U MBT060E-20x500U	500u 1000u 5000u 20x500u
Hi-Proof DNA Polymerase (5 units/μl) (Proof reading Enzyme) (10X Buffer A without $MgCl_2$) Source : <i>Pyrococcus furiosus</i> Application : Has 3' - 5' Proof reading activity.	MBT068-100U MBT068-200U MBT068-500U	100u 200u 500u
Hi-Proof DNA Polymerase (2.5 units/μl) (Proof reading Enzyme) (10X Buffer A without $MgCl_2$) Source : <i>Pyrococcus furiosus</i> Application : Has 3' - 5' Proof reading activity.	MBT149-100U MBT149-200U MBT149-500U	100u 200u 500u
Hi-Long Amp DNA Polymerase (5 units/μl) (10X Buffer A without $MgCl_2$) Source : <i>E. coli</i> with cloned pol gene from <i>Thermus aquaticus</i> and thermostable DNA polymerase. Application: For high-fidelity amplification and cloning of blunt-ended amplification products	MBT069-100U MBT069-200U MBT069-500U MBT069-1000U	100u 200u 500u 1000u
Hi-Temp DNA Polymerase (2.5 units/μl) (10X Buffer A without $MgCl_2$) Source : <i>E. coli</i> with cloned antibody of <i>Thermus aquaticus</i> Application : Hot-start activation results in specific and sensitive amplification of PCR template.	MBT070-100U MBT070-200U MBT070-500U MBT070-1000U	100u 200u 500u 1000u
ChromTaq DNA Polymerase (1 unit/μl) 10X Buffer A without $MgCl_2$ Source : <i>Thermus aquaticus</i> Application: For enhanced amplification with indicators for ease of visualization of the addition of polymerase to reaction.	MBT088-100U MBT088-200U MBT088-500U	100u 200u 500u
dNTPs		
dATP solution, 100 mM, 0.25 ml	MBT054-0.25ML	0.25ml
dCTP solution, 100 mM, 0.25 ml	MBT055-0.25ML	0.25ml
dGTP solution, 100 mM, 0.25 ml	MBT056-0.25ML	0.25ml
dTTP solution, 100 mM, 0.25 ml	MBT057-0.25ML	0.25ml
dNTP solutions set, contains 100 mM each of dATP, dCTP, dGTP, dTTP (0.25ml of each dNTP)	MBT058-4X0.25ML	4X0.25ml
dNTP solutions set, contains 10 mM each of dATP, dCTP, dGTP, dTTP (0.25ml of each dNTP)	MBT079-4X0.25ML	4X0.25ml
A ready to use mix of dATP, dCTP, dGTP and dTTP solutions, 100mM (containing 25 mM each dNTP)	MBT059-1ML	1ml

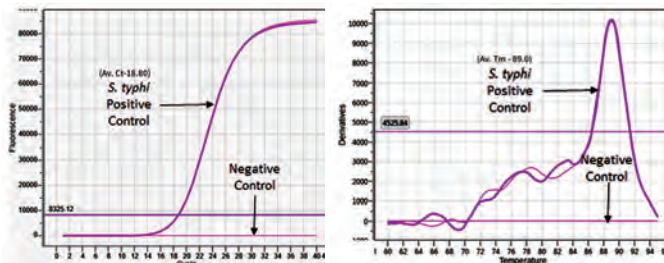
Product	Code	Packing
A ready to use mix of dATP, dCTP, dGTP and dTTP solutions, 10mM (containing 2.5 mM each dNTP)	MBT078-1ML	1ml
dNTP Mix, 40mM (A ready to use mix of dATP, dCTP, dGTP and dTTP solutions) (containing 10 mM each dNTP) New	MBT187-0.2ML MBT187-1ML	0.2ml 1ml
PCR Enhancers		
PCR Enhancer I Store at 2-8°C (A proprietary mixture containing Betaine) Application : For all types of PCR	MBT085-1VL MBT085-5VL	1vl* 5vl*
PCR Enhancer II Store at 2-8°C (A proprietary mixture containing DMSO) Application : For long PCR	MBT086-1VL MBT086-5VL	1vl* 5vl*
PCR Master Mixes		
2X PCR TaqMixture Concentration 2X For SemiQ PCR	MBT061-20R MBT061-50R	20r# (0.5ml) 50r#
(A ready to use mix of Taq DNA Polymerase, Buffer, Mg^{2+} and dNTPs) New and improved mastermix for efficient PCR analysis.	MBT061-100R	100r# (2.5ml)
Hi-Chrom PCR Master Mix Concentration 2X For SemiQ PCR	MBT089-20R MBT089-50R	20r# (0.5ml) 50r#
(A ready to use mix of ChromTaq DNA Polymerase, Buffer, Mg^{2+} and dNTPs) Premixed with loading dye allows direct loading of PCR products on to gel	MBT089-100R	100r# (2.5ml)
Hi-Temp PCR Master Mix Concentration 2X (A ready to use mix of Hi-Temp DNA Polymerase, Buffer, Mg^{2+} and dNTPs)	MBT119-20R MBT119-50R MBT119-100R	20r# (0.5ml) 50r# (1.25ml) 100r# (2.5ml)
Hi-SYBr Master Mix (with Taq Polymerase) Concentration 2X (A ready to use mix of SYBr Green, Taq Polymerase, Buffer, Mg^{2+} and dNTPs)	MBT074-0.5ML MBT074-1ML MBT074-5ML	0.5ml 1ml 5ml
Hi-SYBr Master Mix (with Hi-Temp DNA Polymerase) Concentration 2X (A ready to use mix of SYBr Green, Hi-Temp DNA Polymerase, Buffer, Mg^{2+} and dNTPs)	MBT108-0.5ML MBT108-1ML MBT108-5ML	0.5ml 1ml 5ml
Hi-SYBr Master Mix (with Taq Polymerase and High ROX) Concentration 2X (A ready to use mix of SYBr Green, Taq Polymerase, Buffer, Mg^{2+} , dNTPs and ROX)	MBT160-0.5ML MBT160-1ML MBT160-5ML	0.5ml 1ml 5ml

Product	Code	Packing
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Hi-SYBr Master Mix (with Taq Polymerase and Low ROX) New
 (A ready to use mix of SYBr Green, Taq Polymerase, Buffer, Mg²⁺, dNTPs and Low ROX)

MBT186-0.5ML	0.5ml
MBT186-1ML	1ml
MBT186-5ML	5ml

Hi-SYBr Master Mix (with Taq Polymerase and Low ROX) (MBT186)



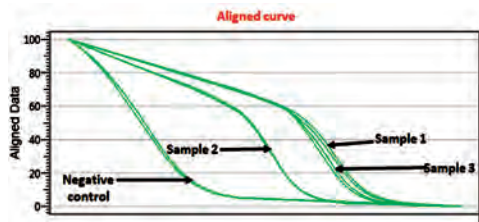
Hi-Quanti 2X Realtime PCR Master Mix Concentration 2X
 A ready to use mix when combined with probes and primers allows realtime qPCR.

MBT180-20R	20r# (250µl)
MBT180-50R	50r# (625µl)
MBT180-100R	100r# (1.25ml)

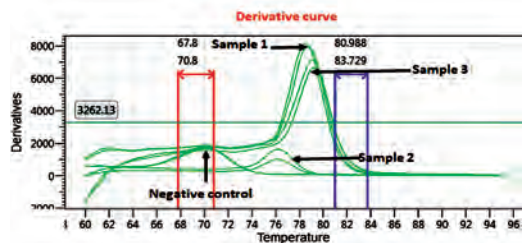
Hi-Quanti 2X HRM Master Mix New
 Hi-Quanti 2X HRM Master Mix supplied in 2X concentration, is a ready to use mix convenient for HRM Real-Time PCR.

MBT184-20R	20r# (250µl)
MBT184-50R	50r# (625µl)
MBT184-100R	100r# (1.25ml)

Hi-Quanti 2X HRM Master Mix (MBT184)



Sample	Fluorescence	Tm value
Sample 1	7965 8155	78.7 78.4
Sample 2	N/A	N/A
Sample 3	6663 7135	79.2 79.1
Negative control	N/A	N/A



Data representing detection of genetic variations in homologues on the basis of melting behavior. This data shows that Sample 1 and sample 3 are mutants and sample 2 is negative for the primer used.

Product	Code	Packing
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Positive Controls for PCR

Pseudomonas aeruginosa Genomic DNA	MBT097-250R	250r# (250µl)
Klebsiella pneumoniae Genomic DNA	MBT098-250R	250r# (250µl)
Shigella flexneri Genomic DNA	MBT099-250R	250r# (250µl)
Streptococcus pneumoniae Genomic DNA	MBT100-250R	250r# (250µl)
Vibrio cholerae Genomic DNA	MBT101-250R	250r# (250µl)
E. coli O157:H7 Genomic DNA	MBT102-250R	250r# (250µl)
Salmonella Genomic DNA	MBT103-250R	250r# (250µl)
Listeria monocytogenes Genomic DNA	MBT104-250R	250r# (250µl)
Legionella pneumophila Genomic DNA	MBT105-250R	250r# (250µl)
Campylobacter jejuni Genomic DNA	MBT106-250R	250r# (250µl)
Mycobacterium tuberculosis Genomic DNA	MBT107-250R	250r# (250µl)
Clostridium perfringens Genomic DNA	MBT120-250R	250r# (250µl)
Acinetobacter baumannii Genomic DNA	MBT122-250R	250r# (250µl)
Campylobacter coli Genomic DNA	MBT135-250R	250r# (250µl)
Staphylococcus aureus Genomic DNA	MBT159-250R	250r# (250µl)

Microbiologics® Cepheid GeneXpert® Controls New

QC Sets and Panels : Helix Elite™ Xpert® GBS LB Control Panel Kit contains 6 positive and 6 negative control swabs	8194	1 kit
QC Sets and Panels : Helix Elite™ Xpert® CT/NG Control Panel Kit contains 6 positive and 6 negative control swabs	8188	1 kit
QC Sets and Panels : Helix Elite™ Xpert® MRSA NxG Control Panel Kit contains 6 positive and 6 negative control swabs	8195	1 kit
QC Sets and Panels : Helix Elite™ Xpert® C. difficile/Epi Control Panel Kit contains 6 positive and 6 negative control swabs	8200	1 kit
QC Sets and Panels : Helix Elite™ Xpert® Respiratory Control Panel Kit contains 6 positive and 6 negative control swabs	8199	1 kit
QC Sets and Panels : Helix Elite™ Xpert® SA Nasal Complete Control Panel Kit contains 6 positive and 6 negative control swabs	8196	1 kit

Product	Code	Packing
InstaDigest Restriction Enzymes New		
InstaDigest EcoR I New Source : <i>Escherichia coli</i> Recognition Sequence : 5'-GAATTC-3' 3'-CTTAAG-5'	MBIRE001-250U MBIRE001-500U MBIRE001-1000U MBIRE001-5000U	250u 500u 1000u 5000u
InstaDigest BamH I New Source : <i>Bacillus amyloliquefaciens</i> Recognition Sequence : 5'-GGATCC-3' 3'-CCTAGG-5'	MBIRE002-250U MBIRE002-500U MBIRE002-1000U MBIRE002-5000U	250u 500u 1000u 5000u
InstaDigest Hind III New Source : <i>Haemophilus influenzae</i> Recognition Sequence : 5'-AAGCTT-3' 3'-TTCGAA-5'	MBIRE003-250U MBIRE003-500U MBIRE003-1000U MBIRE003-5000U	250u 500u 1000u 5000u
InstaDigest Kpn I New Source : <i>Klebsiella pneumoniae</i> Recognition Sequence : 5'-GGTACC-3' 3'-CCATGG-5'	MBIRE004-250U MBIRE004-500U MBIRE004-1000U MBIRE004-5000U	250u 500u 1000u 5000u
InstaDigest Pst I New Source : <i>Providencia stuartii</i> Recognition Sequence : 5'-CTGAGC-3' 3'-GACGTC-5'	MBIRE005-250U MBIRE005-500U MBIRE005-1000U MBIRE005-5000U	250u 500u 1000u 5000u
Modifying Enzymes		
T4 DNA Ligase Concentration: 200units/ μ l T4 DNA Ligase catalyses the formation of phosphodiester bond between juxtaposed 5'-phosphate and 3'-hydroxyl terminals in duplex DNA and RNA. This enzyme will join blunt-end and cohesive-end terminals as well as repair single stranded nicks in duplex DNA, RNA and DNA-RNA hybrids. Store at -20°C	MBT091-1000U MBT091-5000U MBT091-10000U	1000u 5000u 10000u

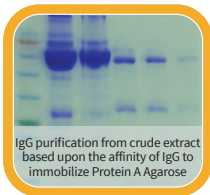
Product	Code	Packing
Competent Cells		
HiPurA® DH5α Competent Cells HiPurA® DH5 α Competent cells are specially made chemically competent DH5 α cells which make cloning experiments easier. Store at -80°C	MBT111- 10R MBT111 - 20R MBT111 - 40R	10r # ⊙ (10vls) 20r # ⊙ (20vls) 40r # ⊙ (40vls)
HiPurA® BL21 (DE3) Competent Cells HiPurA® BL21 (DE3) Competent cells are specially made chemically competent BL21 (DE3) cells which make cloning experiments easier. Store at -80°C	MBT143- 10R MBT143 - 20R MBT143 - 40R	10r # ⊙ (10vls) 20r # ⊙ (20vls) 40r # ⊙ (40vls)
HiPurA® XL1-Blue Competent Cells HiPurA® XL1-Blue Competent cells are specially made chemically competent XL1-Blue cells which make cloning experiments easier. Store at -80°C	MBT144- 10R MBT144 - 20R MBT144 - 40R	10r # ⊙ (10vls) 20r # ⊙ (20vls) 40r # ⊙ (40vls)
Transformation Kit		
Bacterial Transformation Kit For rapid preparation of chemically competent <i>E. coli</i> cell. Store at 2-8°C	MBT127-10R MBT127-20R MBT127-40R	10r # 20r # 40r #

BIOPHARMA



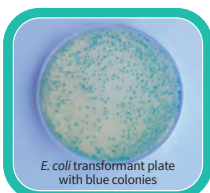
PROTEIN EXTRACTION

- Reagents
- Detergents
- Chaotropes
- Reducing Agents



PROTEIN PURIFICATION & ELECTROPHORESIS

- Resins & Kits
- Buffers & Reagents
- Dialysis Membranes
- Protein Gel Stains



PROTEIN EXPRESSION

- Plasmid Extraction
- Restriction Enzymes
- Competent Cells



Insta NX® (LA1056)

- Automated DNA/RNA extractor
- Innovative Super-S membrane technology (Centrifugation-free)
- Trinity technology to avoid cross contamination



Insta Q96® - 6.0 (LA1074)

- Innovative, State-of-The Art Real time PCR System.
- Insta Q96® Plus (LA1073) - 5 channel
- Insta Q96® - 6.0 (LA1074) - 6 channel



WESTERN BLOTTING

- Rapid Detection Buffers
- Transfer Buffers
- Blotting Membranes
- Wee Vert® - LA1070 (Vertical Electrophoresis Unit)
- Wee Blot™ - LA1088 (Blotting Unit)

Product

Code

Packing

Product

Code

Packing

PROTEOMICS

Protein Extraction and Purification Kits

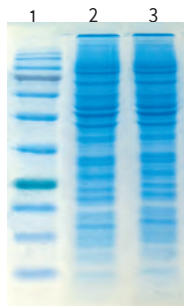
Protein Extraction Reagents

HiPurA® Mammalian Protein Extraction Reagent

New

ML206-25ML	25ml
ML206-250ML	250ml
ML206-1000ML	1000ml

For effortless and efficient total protein extraction from mammalian cell culture



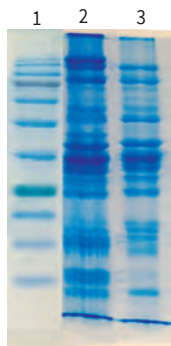
Well No	Sample
1	Prestained Protein Ladder
2	Protein Extracted using competitor reagent
3	Protein Extracted using ML206 reagent

HiPurA® Tissue Protein Extraction Reagent

New

ML207-500ML	500ml
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For easy and convenient total protein extraction from various tissue samples



Well No	Sample
1	Prestained Protein Ladder
2	Protein Extracted using competitor Reagent
3	Protein Extracted using ML207 Reagent

Protease Inhibitor

Protease inhibitor Cocktail

Used in preserving cellular proteins
Store at 2-8°C

ML051-1ML	1ml
ML051-5ML	5ml

Protein Purification Kits

IgG Purification Kit (Protein A Based)

The IgG Purification Kit (Protein A Based) is based on the affinity of IgG to immobilized Protein A agarose and is used for purification of polyclonal antibodies. When a suspension (e.g. serum, ascites fluid, tissue culture supernatant) containing mixture of substances along with IgG are loaded on the column, the IgG binds to Protein A and is recovered by elution.

IgG Purification Kit (Protein A Based, Gravity Flow)	MBPP001-2NO	2no
Store at 2-8°C	MBPP001-5NO	5no

IgG Purification Kit (Protein A Based, Spin Column)	MBPP001SP-5NO	5no
Store at 2-8°C	MBPP001SP-25NO	25no

IgG Purification Kit (Protein G Based)

The IgG Purification Kit (Protein G Based) is based on the affinity of IgG to immobilized Protein G agarose and is used for purification of polyclonal antibodies. When a suspension (e.g. serum, ascites fluid, tissue culture supernatant) containing mixture of substances along with IgG are loaded on the column, the IgG binds to Protein G and is recovered by elution.

IgG Purification Kit (Protein G Based, Gravity Flow)	MBPP002-2NO	2no
Store at 2-8°C	MBPP002-5NO	5no

IgG Purification Kit (Protein G Based, Spin Column)	MBPP002SP-5NO	5no
Store at 2-8°C	MBPP002SP-25NO	25no

IgG Purification Kit (Protein L Based)

The IgG Purification Kit (Protein L Based) is based on the affinity of IgG to immobilized Protein L agarose and is used for purification of polyclonal antibodies. When a suspension (e.g. serum, ascites fluid, tissue culture supernatant) containing mixture of substances along with IgG are loaded on the column, the IgG binds to Protein L and is recovered by elution.

IgG Purification Kit (Protein L Based, Gravity Flow)	MBPP004-2NO	2no
Store at 2-8°C	MBPP004-5NO	5no

IgG Purification Kit (Protein L Based, Spin Column)	MBPP004SP-5NO	5no
Store at 2-8°C	MBPP004SP-25NO	25no

GST-Tagged Bacterial Protein Purification Kit

The GST-Tagged Bacterial Protein Purification Kit enables efficient purification of recombinant proteins fused to Glutathione S-Transferase (GST) and expressed in bacteria. The GST-fusion protein is adsorbed from the bacterial cell lysate on the Glutathione agarose column and finally recovered by elution.

GST-Tagged Bacterial Protein Purification Kit (Gravity Flow)	MBPP003-2NO	2no
Store at 2-8°C	MBPP003-5NO	5no

GST-Tagged Bacterial Protein Purification Kit (Spin Column)	MBPP003SP-5NO	5no
Store at 2-8°C	MBPP003SP-25NO	25no

HIS-Tagged Bacterial Protein Purification Kit

The HIS-Tagged Bacterial Protein Purification Kit enables efficient purification of recombinant proteins fused to 6X HIS and expressed in bacteria. The tagged protein is adsorbed from the bacterial cell lysate on the nickel agarose column and finally recovered by elution.

HIS-Tagged Bacterial Protein Purification Kit (Gravity Flow)	MBPP005-2NO	2no
Store at 2-8°C	MBPP005-5NO	5no

HIS-Tagged Bacterial Protein Purification Kit (Spin Column)	MBPP005SP-5NO	5no
Store at 2-8°C	MBPP005SP-25NO	25no

Product	Code	Packing
Resins for Protein Purification New		
		

5 & 25 ml packing of Protein A Agarose Resin & Ni-NTA Agarose Resin

Protein A Agarose Resin New This resin, consists of rProtein A covalently bound to crosslinked agarose beads, is used for batch or column purifications of classes, subclasses and fragments of immunoglobulins (IgG) from serum, ascites fluid, tissue culture supernatant. Store at 2-8°C	DS0817-5ML DS0817-25ML	5ml 25ml
Protein G Agarose Resin New This resin, consists of Protein G covalently bound to crosslinked agarose beads, is used for batch or column purifications of classes, subclasses and fragments of immunoglobulins (IgG) from serum, ascites fluid, tissue culture supernatant. Store at 2-8°C	DS0818-5ML DS0818-25ML	5ml 25ml

Product	Code	Packing
Protein L Agarose Resin New This resin, consists of Protein L covalently bound to crosslinked agarose beads, is used for batch or column purifications of classes, subclasses and fragments of immunoglobulins (IgG) from serum, ascites fluid, tissue culture supernatant. Store at 2-8°C	DS0820-5ML DS0820-25ML	5ml 25ml
Glutathione Agarose Resin New Glutathione agarose Resin contains glutathione, immobilized on agarose and is used for rapid purification of glutathione S-transferase (GST) or glutathione binding proteins. Store at 2-8°C	DS0819-5ML DS0819-25ML	5ml 25ml
Ni-NTA Agarose Resin New Ni-NTA Agarose Resin uses nitrilotriacetic acid (NTA) crosslinked to agarose matrix, for rapid purification of recombinant proteins fused to 6X HIS tag. Store at 2-8°C	DS0821-5ML DS0821-25ML	5ml 25ml

Protease Detection Kit

HiPurA® Protease Detection Kit New Enables accurate quantification of protease activity by a very simple and convenient method. This kit contains all reagents for detection and quantification of protease activity. Store at 2-8°C	ML208- 200R	200r#
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Protein Crystallography

Protein Crystallization Kit (1 Pack contains 10 ml of each reagent) The Kit provides all the reagents required for rapid screening to determine the appropriate condition for crystallization of purified protein samples. Store at 15-25°C	MBPC001-1PK	1pack
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Buffers & Chemicals for Protein Electrophoresis

2X Laemmli Buffer Laemmli buffer is specially formulated for protein sample preparation to be used in the Laemmli SDS-PAGE system.	ML021-6ML	5X6ml 10X6ml
5X Laemmli Buffer Laemmli buffer is specially formulated for protein sample preparation to be used in the Laemmli SDS-PAGE system.	ML121-5ML ML121-10ML	5ml 10ml
5X Protein Loading Buffer (Reducing) Store at -20°C Used for protein sample preparation and loading	ML096-5ML	5ml
5X Protein Loading Buffer (Non-Reducing) Used for protein sample preparation and loading	ML097-5ML	5ml
Acrylamide/Bis-acrylamide solution 30% (19:1) Store at 2-8°C	ML036-100ML ML036-500ML	100ml 500ml
Acrylamide/Bis-acrylamide solution 30% (29:1) Store at 2-8°C	ML037-100ML ML037-500ML	100ml 500ml
Acrylamide/Bis-acrylamide solution 30% (36.5:1) Store at 2-8°C	ML038-100ML ML038-500ML	100ml 500ml
Acrylamide/Bisacrylamide Solution 40% (37.5:1) Store at 2-8°C	ML083- 100ML ML083-500ML	100ml 500ml

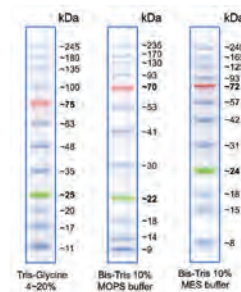
Acrylamide/Bisacrylamide Solution 40% (29:1) Store at 2-8°C	ML084-100ML ML084-500ML	100ml 500ml
Acrylamide/Bisacrylamide Solution 40% (19:1) Store at 2-8°C	ML085-100ML ML085-500ML	100ml 500ml
2.5X Tris-SDS Buffer (pH 8.8) Used in SDS-PAGE Store at 2-8°C	ML039-500ML	2X500ml 10X500ml
5X Tris-SDS Buffer (pH 6.8) Used in SDS-PAGE Store at 2-8°C	ML040-500ML	2X500ml 10X500ml
2X Urea Denaturing Gel Loading Buffer Used for denaturing PAGE Store at 2-8°C	ML176-1ML	1ml
Coloured Stacking Gel Buffer Used in SDS-PAGE; improves visibility of wells & ease of loading Store at 2-8°C	ML155-100ML	100ml
5X Tris-Glycine-SDS Gel Running Buffer Used in SDS-PAGE Store at 2-8°C	ML041-500ML	2X500ml 10X500ml

Product	Code	Packing
10X Tris-Glycine-SDS Gel Running Buffer Used in SDS-PAGE	ML042-500ML	2X500ml 10X500ml
20X MOPS-SDS Running Buffer Used in BIS - TRIS Gel	ML119-500ML	2X500ml 10X500ml
20X MES-SDS Running Buffer Used in BIS - TRIS Gel	ML120-500ML	2X500ml 10X500ml
10X Tris acetate-SDS Running Buffer Used in SDS-PAGE	ML113-500ML	2X500ml 10X500ml
10X Tris-Tricine-SDS-Gel Running Buffer	ML196-100ML ML196-500ML	100ml 500ml
2X Tris-Tricine-gel Loading Buffer	ML197-1ML	1ml
10X Tris-Glycine Buffer, pH 8.3 Used in PAGE and Western Blotting	ML056-200ML ML056-1L	200ml 1lt
Coomassie® Brilliant Blue Stain Used for staining of Protein gels	ML046-250ML	250ml
X-Press Blue™ Protein Stain (SafeBlue Protein Stain) Used for destaining-free staining of protein gels	ML091-100ML ML091-500ML ML091-1L	100ml 500ml 1l
Hi-Zinc Stain Used for reversible staining of Protein gels	ML057-125ML ML057-250ML	125ml 250ml
Hi-Zinc Destain Used for destaining of Protein gels	ML058-125ML ML058-250ML	125ml 250ml
Zinc Stain-Destain Kit (A pack containing 125 ml of each solution)	ML124-1PK	1pack
Silver Staining Kit Store at 2-8°C	ML123-1KT	1kit
Acrylamide For Molecular Biology For more details refer MB chemicals	MB068-25G MB068-100G MB068-500G MB068-1KG	25gm 100gm 500gm 1kg
Ammonium acetate For Molecular Biology For more details refer MB chemicals	MB033-100G MB033-500G	100gm 500gm
Ammonium persulphate For Molecular Biology For more details refer MB chemicals	MB003-25G MB003-100G MB003-500G	25gm 100gm 500gm

Product	Code	Packing
BIS-TRIS (Bis[2-hydroxyethyl]-amino-tris [hydroxymethyl] methane) For Molecular Biology For more details refer MB chemicals	MB006-25G MB006-100G	25gm 100gm
Bis-acrylamide For Molecular Biology For more details refer MB chemicals	MB005-25G MB005-100G MB005-250G MB005-500G	25gm 100gm 250gm 500gm
Bovine serum albumin (Nuclease and Protease free) For Molecular Biology For more details refer MB chemicals	MB083-5G MB083-25G MB083-100G MB083-500G	5gm 25gm 100gm 500gm
Coomassie® brilliant blue R-250 For Molecular Biology For more details refer MB chemicals	MB153-5G MB153-25G MB153-100G	5gm 25gm 100gm
Coomassie® brilliant blue G - 250 For Molecular Biology For more details refer MB chemicals	MB092-5G MB092-25G	5gm 25gm
DL-DTT (DL-Dithiothreitol) For Molecular Biology For more details refer MB chemicals	MB070-5G MB070-25G	5gm 25gm
Glycine For Molecular Biology For more details refer MB chemicals	MB013-100G MB013-500G MB013-1KG MB013-5KG	100gm 500gm 1kg 5kg
Imidazole For Molecular Biology For more details refer MB chemicals	MB019-100G MB019-500G	100gm 500gm
2-Mercaptoethanol For Molecular Biology For more details refer MB chemicals	MB041-100ML MB041-500ML	100ml 500ml
SDS For Molecular Biology For more details refer MB chemicals	MB010-25G MB010-100G MB010-500G MB010-1KG	25gm 100gm 500gm 1kg
Silver nitrate For Molecular Biology For more details refer MB chemicals	MB156-10G MB156-25G MB156-100G	10gm 25gm 100gm
TEMED For Molecular Biology For more details refer MB chemicals	MB026-100ML	100ml

Protein Ladder

Prestained Protein Ladder Prestained Protein Ladder is a three-color protein standard with 12 pre-stained proteins covering a wide range of molecular weights from 10 to 245 kDa when separated on SDS-PAGE (Tris-glycine buffer). The ladder is supplied in gel loading buffer and is ready to use. Recommended load: 5 µl/lane Store at -20°C	MBT092-10LN MBT092-100LN	10ln* (50µl) 100ln* (500µl)
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Product	Code	Packing	Product	Code	Packing
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Reagents for Western Blotting

10X TBS Tris Buffered Saline	ML029-100ML ML029-500ML	5x100ml 2x500ml 6x500ml
10X TBST Mixture of Tris Buffered Saline and Tween®-20 Store at 2-8°C	ML088-1L	1lt
10X PBS, pH 7.4 Phosphate Buffered Saline	ML023-100ML ML023-500ML	5x100ml 2x500ml 6x500ml
1X PBS Phosphate Buffered Saline	ML116-100ML ML116-500ML	100ml 500ml
Ponceau-S stain Used for fixing of protein bands on membrane	ML045-250ML	250ml
Ponceau-S fixative Used for fixing of protein bands on membrane	ML052 -250ML	250ml
10X Tris- Glycine Buffer pH 8.3	ML056-200ML ML056-1L	200ml 1lt
10X Transfer buffer Store at 2-8°C	ML043-500ML	2X500ml 10X500ml
Blocking Buffer Store at 2-8°C	ML044-100ML ML044-500ML	100ml 500ml
TMB Substrate Solution One component chromogenic substrate for HRP detection in Western Blotting. Store at 2-8°C	ML169-5ML ML169-50ML ML169-100ML	5ml 50ml 100ml
Stripping buffer	ML163-250ML ML163-500ML	250ml 500ml
0.5M CAPS, pH 10.5	ML182-100ML ML182-500ML	100ml 500ml
HiPurA® Fast Western Blotting Buffers New Simple and fast procedure with clear results. Contains 10X Wash buffer and Anti-Mouse HRP Store at 2-8°C	ML210-5R ML210-25R	5r# 25r#
Glycine For Molecular Biology For more details refer MB chemicals	MB013-100G MB013-500G MB013-1KG MB013-5KG	100gm 500gm 1kg 5kg
Methanol For Molecular Biology For more details refer MB chemicals	MB113-100ML MB113-500ML	100ml 500ml
SDS For Molecular Biology For more details refer MB chemicals	MB010-25G MB010-100G MB010-500G MB010-1KG	25gm 100gm 500gm 1kg
Sodium Chloride For Molecular Biology For more details refer MB chemicals	MB023-500G MB023-1KG MB023-5KG	500gm 1kg 5kg

HiPurA® Fast Unik Western Blotting Buffers New Supplied with 10X Wash buffer and a versatile buffer. The entire process can be completed in one single step Store at 2-8°C	ML211-5R ML211-25R	5r# 25r#
HiPurA® Fast Unik Western blotting Buffers - ML211		
Western Blot following conventional Method Total time : 12-14hrs		Western Blot using ML211 Total time : 2hrs
X-Gal Solution (20mg/ml) New Store at 2-8°C	ML212-1ML	1ml
Bovine Serum Albumin For Molecular Biology For more details refer MB chemicals	MB083-5G MB083-25G MB083-100G MB083-500G	5gm 25gm 100gm 500gm
CAPS For Molecular Biology For more details refer MB chemicals	MB008-25G MB008-100G MB008-250G MB008-1KG	25gm 100gm 250gm 1kg
Gelatin, Type A For Molecular Biology For more details refer MB chemicals	MB169-500G	500gm
Glutaraldehyde solution, 25% w/w For Molecular Biology For more details refer MB chemicals	MB222-100ML	100ml
Tween® 20 For Molecular Biology For more details refer MB chemicals	MB067-100ML	100ml
Avidin, From Egg white For Molecular Biology For more details refer MB chemicals	MB120-10MG MB120-100MG	10mg 100mg
Tris, Free base (Tris[hydroxymethyl] aminomethane) For Molecular Biology For more details refer MB chemicals	MB029-100G MB029-500G MB029-1KG MB029-5KG	100gm 500gm 1kg 5kg

Product	Code	Packing
Nitroblue Tetrazolium Chloride (NBT) For Molecular Biology For more details refer MB chemicals	MB107-100MG MB107-250MG MB107-1G	100mg 250mg 1gm
3,3',4,4'- Tetraaminobiphenyl tetrahydrochloride (DAB) For Molecular Biology For more details refer MB chemicals	MB121-1G MB121-5G	1gm 5gm
N,N-Dimethylformamide (DMF) For Molecular Biology For more details refer MB chemicals	MB036-250ML MB036-500ML	250ml 500ml

Product	Code	Packing
3,3',5,5'- Tetramethylbenzidine (TMB) For Molecular Biology For more details refer MB chemicals	MB122-1G MB122-5G	1gm 5gm
Sodium carbonate anhydrous (Soda ash) For Molecular Biology For more details refer MB chemicals	MB253-100G MB253-500G MB253-1KG	100gm 500gm 1kg
Ponceau S sodium salt Electrophoretic stain For Molecular Biology For more details refer MB chemicals	MB096-25G	25gm

Membranes for Western Blotting New



Hi-FiBloE™ Nitrocellulose Membrane for Blotting Pore Size : 0.2 μm Dimensions: 30 cm X 3 m	New	MBM001-1RL	1roll
Hi-FiBloE™ Nitrocellulose Membrane for Blotting Pore size: 0.2 μm Dimensions: 20 cm X 20 cm	New	MBM002-20SH	20sheets
Hi-FiBloE™ Nitrocellulose Membrane for Blotting Pore Size: 0.2 μm Dimensions: 7 cm X 8.5 cm	New	MBM003-20SH	20sheets
Hi-FiBloE™ PVDF Membrane for Blotting Pore Size: 0.2 μm Dimensions: 26 cm X 3.3 m	New	MBM004-1RL	1roll
Hi-FiBloE™ PVDF Membrane for Blotting Pore Size: 0.2 μm Dimensions: 7 cm X 8.5 cm	New	MBM005-20SH	20sheets

Protein Electrophoresis & Blotting Instruments



Wee Vert® - LA1070

The "COMPLETE DEVICE" for Standard Vertical Electrophoresis

- No More WORRIES----Casting Gels is SO EASY
- Uninhibited Polymerization with Plastic Combs
- Smaller Tank Requires Minimal Buffer Quantity
- Loading becomes easier with Sample Loading Guides
- One/Two Gels at once As Per Requirement

UNIQUE



Wee Blot™ - LA1088

A UNIQUE ELECTROBLOTTER - An Efficient Unit with Quality Data

- ESSENTIAL for wet electroblotting of proteins – Western blotting
- Smaller Tank Requires Minimal Buffer Quantity
- Four blots Transferred in ONE SINGLE RUN
- Modular Design doesn't require Extra Cooling Units
- Transfer can be done at RT (<30°C) without cooling function

UNIQUE

Product

Code

Packing

Product

Code

Packing

Kits/Reagents/Standards for Protein Estimation

Folin's Reagent Used for quantitative estimation of proteins	ML059-125ML ML059-250ML	125ml 250ml
Bradford Reagent Used for quantitative estimation of proteins Store at 2-8°C	ML106-100ML ML106-500ML	100ml 500ml
Biuret Reagent Used for quantitative estimation of proteins Store at 2-8°C	ML122-100ML ML122-500ML	100ml 500ml

Bradford Kit for Protein Estimation used for quantitative estimation of proteins Store at 2-8°C	ML178-1PK	1pack
Protein Standards used in Bradford and Folin-Lowry assay for protein estimation. Store at -20°C	MBT129-10ML MBT129-25ML MBT129-50ML	10ml 25ml 50ml
5X Bradford Reagent Store at 2-8°C	ML202-100ML	100ml

Reagents and Consumables for ELISA

Coating Buffer Used for Immobilization of Antigen or Antibody on ELISA plates Store at 2-8°C	DS0236-100ML DS0236-500ML	100ml 500ml
Assay Diluent Buffer Used as a dilution buffer Store at 2-8°C	DS0231-100ML DS0231-500ML	100ml 500ml
Streptavidin HRP Reagent Store at 2-8°C	DS0233-0.25ML DS0233-0.5ML	0.25ml 0.5ml
10X Wash Buffer Used as a Wash buffer at 1X concentration Store at 2-8°C	DS0230-100ML DS0230-500ML	100ml 500ml
10X TMB Substrate One component chromogenic substrate for HRP detection in ELISA. Store at 2-8°C	ML168-5ML ML168-50ML ML168-100ML	5ml 50ml 100ml
1X PBS Solution Phosphate Buffered Saline	ML116-100ML ML116-500ML	100ml 500ml
10X PBS, pH 7.4 Phosphate Buffered Saline	ML023-100ML ML023-500ML	5X100ml 2X500ml 6X500ml
10X TBS Tris Buffered Saline	ML029-100ML ML029-500ML	5x100ml 2x500ml 6x500ml
10X TBST Mixture of Tris Buffered Saline and Tween®-20 Store at 2-8°C	ML088-1L	1lt
Blocking Buffer (10% BSA in 1XPBS) Store at 2-8°C	ML183-100ML ML183-500ML	100ml 500ml

Blocking Buffer (1% BSA in 1XPBS) Store at 2-8°C	ML184-100ML ML184-500ML	100ml 500ml
Blocking Buffer (10% BSA in 1XTBS) Store at 2-8°C	ML185-100ML ML185-500ML	100ml 500ml
Blocking Buffer (1% BSA in 1XTBS) Store at 2-8°C	ML186-100ML ML186-500ML	100ml 500ml
1M Sulphuric Acid Used as a stop solution	ML187-100ML ML187-500ML	100ml 500ml
2M Sulphuric Acid Used as a stop solution	ML188-100ML ML188-500ML	100ml 500ml
Bovine serum albumin (Nuclease and Protease free) For more details refer MB chemicals	MB083-5G MB083-25G MB083-100G MB083-500G	5gm 25gm 100gm 500gm
Tween® 20 For Molecular Biology For more details refer MB chemicals	MB067-100ML	100ml
Sodium carbonate anhydrous (Soda ash) For Molecular Biology For more details refer MB chemicals	MB253-100G MB253-500G MB253-1KG	100gm 500gm 1kg
3,3',5,5'-Tetramethylbenzidine (TMB) For Molecular Biology For more details refer MB chemicals	MB122-1G MB122-5G	1gm 5gm
ELISA plates For more details see Page No. 739	EP2-5X10No EP2-10X10 No EP2-20X10 No	5x10No 10x10 No 20x10 No
Polypropylene sealing film For more details see Page No. 738	PR21-1X100 No	1x100 No

Product

Code

Packing

Product

Code

Packing

HEMATOLOGY KITS

Sickle Cell Anemia Detection Kits

These kits are developed for diagnosis of Sickle Cell Anemia Disease.

Primary Screening (Turbidity based)

This kit is developed for screening of Sickle Cell Anemia, based on solubility difference between HbS and HbA

Hi-Super Speed Sickle Kit (Solubility Test for detection of Hemoglobin 'S') [Pre-weighed reagent mix for five tests in one tube]	◆ MBP006-50TST	50 tests
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Secondary Screening (Centrifugation based)

This kit is based on the solubility difference between HbS and HbA. This kit has an added advantage for partial distinction between Homozygous and Heterozygous in sickle cell anemia patients.

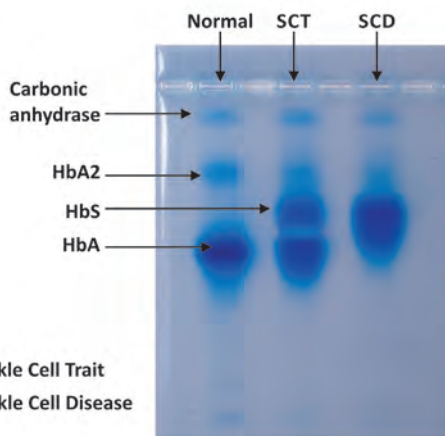
Hi-Speed Sickle Kit (Centrifugation based detection of Hemoglobin 'S') On receipt store at 2 - 8°C	◆ MBP003-50TST	50 tests
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Confirmatory Kits

Gel Electrophoresis Kits

Alkaline Hemoglobin Electrophoresis Kit This kit is intended for discrimination of hemoglobin variants using alkaline gel electrophoresis. It is a confirmatory tool for detection of sickle cell anemia.	◆ MBP001-112 RUNS MBP001-224 RUNS	112 runs (4 Gels) 224 runs (8 Gels)
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Alkaline Hemoglobin Electrophoresis Kit (No Destaining Required) This kit is intended for discrimination of hemoglobin variants using alkaline gel electrophoresis. This method requires no destaining for discrimination of Hemoglobin variants. It is a confirmatory tool for detection of sickle cell anemia.	◆ MBP008-224 RUNS	224 runs (8 Gels)
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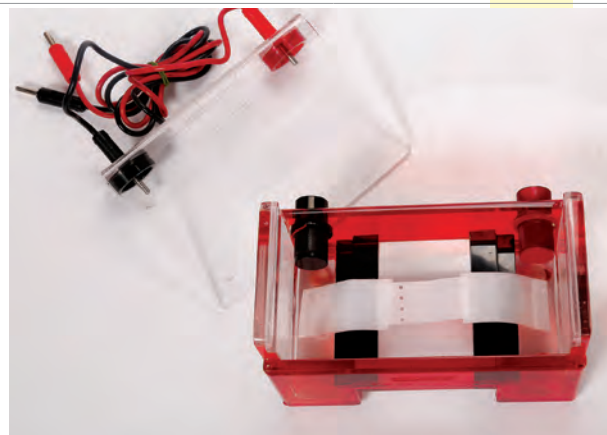


MBP008 - Alkaline Hemoglobin Electrophoresis Kit (No Destaining Required)

Paper Electrophoresis Kits

The kit is intended for discrimination of hemoglobin variants using Cellulose Acetate electrophoresis. It is a confirmatory tool for detection of Sickle Cell Anemia (Cellulose Acetate Electrophoresis Kit)

Alkaline Paper Haemoglobin Electrophoresis Kit (Cellulose Acetate Electrophoresis Kit) This kit is intended for discrimination of hemoglobin variants	New ◆ MBP009-20 Runs	20runs
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LA1207 Cellulose Acetate Electrophoresis System

Cellulose Acetate Paper

All paper strips are compatible to LA1207-Cellulose Acetate Electrophoresis System

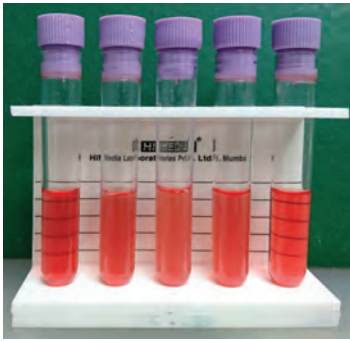
Hi-FIBloE™ Cellulose Acetate Paper : 189P Cellulose Acetate Strip : For Electrophoresis Size : 18 X 9cms, Perforated	New ◆ MBM010-25X1PK	25X1pk
Hi-FIBloE™ Cellulose Acetate Paper : 189NP Cellulose Acetate Strip : For Electrophoresis Size : 18 X 9cms, Non-perforated	New ◆ MBM012-25X1PK	25X1pk
Hi-FIBloE™ Cellulose Acetate Paper : 2324P Cellulose Acetate Strip : For Electrophoresis Size : 23 X 24cms, Perforated	New ◆ MBM009-10X1PK	10X1pk
Hi-FIBloE™ Cellulose Acetate Paper : 2324NP Cellulose Acetate Strip : For Electrophoresis Size : 23 X 24cms, Non-perforated	New ◆ MBM011-10X1PK	10X1pk

Product	Code	Packing	Product	Code	Packing
Thalassemia Detection Kits					

These kits are developed for diagnosis of Thalassemia.

Screening Test

Hi- Thal Kit	◆ MBP010-50TST	50tst
This is a screening kit for Thalassemia		



Result for Hi-Thal Kit

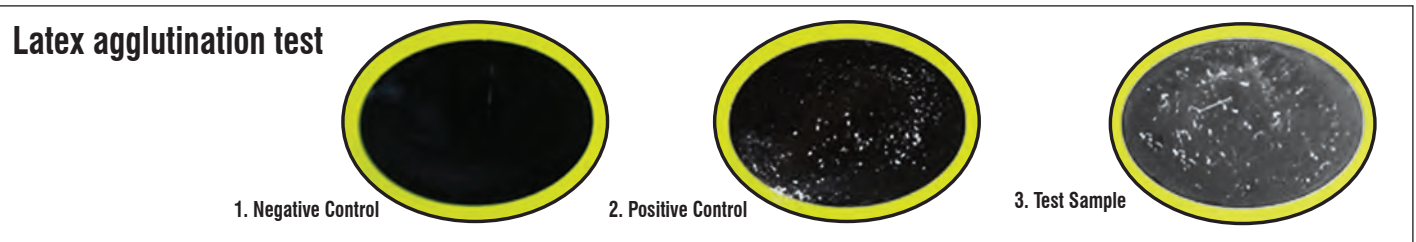
Tube 1-	Negative Blood Sample for Thalassemia
Tube 2, 3 & 4 -	Positive Blood Sample for Thalassemia
Tube 5 -	Negative Blood Sample for Thalassemia

Thalassemia Detection Kit (PCR Based) (Also see page no. 680)

Hi-PCR® Beta-Thalassemia Semi-Q PCR Kit (Multiplex)	◆ MBPCR014-10R MBPCR014-25R MBPCR014-50R	10r# 25r# 50r#
This Multiplex kit is intended for specific and accurate detection of Beta-Thalassemia in Asian population. Store at -20°C		
Hi-PCR® Beta-Thalassemia Semi-Q PCR Kit (Uniplex)	◆ MBPCR014A-10R MBPCR014A-25R MBPCR014A-50R	10r# 25r# 50r#
This Uniplex kit is intended for specific and accurate detection of mutant and normal Beta-Thalassemia in Asian population. Store at -20°C		

LATEX AGGLUTINATION TEST KITS

HiClostridium difficile Latex Test Kit Organism : <i>Clostridium difficile</i> cultured Source : From selective media culture plate Store at 2-8°C	◆ LK01-25NO LK01-50NO	25no 50no	HiStrep™ Latex Test Kit Organism : <i>Streptococci</i> of Lancefield groups A, B, C, D, F and G Source : From selective media culture plate Store at 2-8°C	◆ LK06-25NO LK06-50NO	25no 50no
HiSalmonella™ Latex Test Kit Organism : <i>Salmonella</i> Source : From selective media culture plate Store at 2-8°C	◆ LK02-25NO LK02-50NO	25no 50no	HiListeria™ Latex Test Kit Organism : <i>Listeria spp.</i> Source : From selective media culture plate Store at 2-8°C	◆ LK07-25NO LK07-50NO	25no 50no
HiStaph Latex Test Kit Organism : <i>Staphylococcus aureus</i> Source : From selective media culture plate Store at 2-8°C	◆ LK03-50NO LK03-100NO	50no 100no	HiRotavirus Latex Test Kit Organism : Rotavirus antigen Source : From selective media culture plate Store at 2-8°C	◆ LK08-10NO LK08-25NO LK08-50NO	10no 25no 50no
HiLegionella Latex Test Kit Organism : <i>Legionella pneumophila</i> Source : From selective media culture plate Store at 2-8°C	◆ LK04-25NO LK04-50NO	25no 50no	HiE.coli™ Latex Test Kit Organism : <i>E.coli</i> serotype O157 Source : From selective media culture plate Store at 2-8°C	◆ LK13-50NO	50no



Latex test kits enable rapid detection by latex agglutination for confirmation of presumptive pathogens.

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Your perfect choice for complete range of instant nucleic acid and protein purification, faster amplification and quicker detection needs in molecular research and diagnostics.

MOLECULAR BIOLOGY CHEMICALS

Product	Page
MB Chemicals for Multiple Applications	705-719
Nucleic Acid and Protein Extraction/ Purification	
i. Phenols	
ii. Detergents	
iii. Denaturants	
iv. Chaotropic Agents	
v. Reducing Agents	
Solvents	
Enzymes	
Agar	
Antibiotics	
Nucleic Acids	
Proteins and Amino Acids	

Product	Page
MB Chemicals for Chromatography	
MB Chemicals for Gel Electrophoresis	
Dyes and Stains	
i. Nucleic Acids	
ii. Proteins	
MB Chemicals for Density Gradient Centrifugation	
Polymers	
Chromogenic Substrates	
Substrates for ELISA and Western Blotting	
Inorganic Salts	
Sugars and Polysaccharides	
Good's Buffers	

For Molecular Biology research experiments highest quality chemicals are a prerequisite to ensure exact and reproducible results as traces of chemical impurities can interfere in the results or during the analysis.



WHY TO USE MB GRADE CHEMICALS

MOLECULAR BIOLOGY PRODUCTS

Agarose Selection Guide

Code No.	Product Name	Application	Application Matrix for Agarose	Medium EEO	High EEO	Low EEO	Ultra Pure, Low EEO	Low Melting	Ultra Resolution	PFGE
MB002	Agarose, Special Low EEO (Nuclease and Protease Free)	Routine separation of DNA or RNA fragments. separation of 100bp -50kb Southern and Northern blotting PCR analysis	Code No	MB175	MB176	MB002	MB229	MB080	MB073	MB094
			Nuclease & Protease free			*	*	*	*	*
MB229	Agarose, Ultrapure, Low EEO (Nuclease and Protease Free)	Routine separation of DNA or RNA fragments. separation of 100bp -50kb Southern and Northern blotting PCR analysis	Separation:							
			a) 100bp - 50kb	*	*	*	*	*		
			b) 20bp - 800bp						*	
MB080	Agarose DNA grade, (Low melting) (Nuclease and Protease free)	Convenient recovery and publication of DNA and RNA Separation of DNA and RNA > 1kb	c) 10kb - 2000kb							*
			Recovery of DNA and RNA					*	*	*
MB073	Ultra Resolution agarose (Nuclease and Protease free)	High resolution separation of 20bp - 800bp DNA fragments, For analysis of AMPFLP and STR assays	Southern and Northern Blots			*	*			
			Protein Electrophoresis	*	*					
MB094	Agarose for Pulse Field Gel Electrophoresis (PFGE) (Nuclease and Protease free)	Pulse Field Gel Electrophoresis, Large Fragment separation, DNA & RNA Mega base pair separation	Immuno-electrophoresis	*	*					
			PCR Analysis			*	*		*	
MB175	Agarose, Medium EEO for Electrophoresis	Serum Protein Electrophoresis, Immuno-electrophoresis	AMPFLP, STR Analysis						*	
			PFGE							*
MB176	Agrose, High EEO for Gel and Immuno-electrophoresis	Immuno-electrophoresis techniques, Protein Electrophoresis								

MOLECULAR BIOLOGY CHEMICALS

*Contact us for special rates on bulk packs

Product	Code	Packing
ACES (N-[2-Acetamido]-2-aminoethane-sulfonic acid) For Molecular Biology $C_8H_{10}N_2O_6S$ MW : 182.2 CAS : 7365-82-4 Assay : $\geq 99\%$ Store below 30°C	MB001-5G MB001-25G MB001-100G	5gm 25gm 100gm
ADP disodium salt For Molecular Biology $C_{10}H_{13}N_5Na_2O_{10}P_2$ MW : 471.16 CAS : 16178-48-6 Assay : $\geq 95\%$ Store at 2 - 8°C	MB191-1G MB191-5G	1gm 5gm
Acetamide (Amide C_2) For Molecular Biology C_2H_5NO MW : 59.07 CAS : 60-35-5 Assay : $\geq 99\%$ Store below 30°C	MB051-100G	100gm
Acetic acid For Molecular Biology $C_2H_4O_2$ MW : 60.05 CAS : 64-19-7 Assay : $\geq 99.7\%$ Store below 30°C	MB052-500ML	500ml
Acetone For Molecular Biology CH_3COCH_3 MW : 58.08 CAS : 67-64-1 Assay : $\geq 99.5\%$ Store below 30°C	MB179-500ML MB179-2.5L	500 ml 2.5lt
Acetonitrile For Molecular Biology CH_3CN MW : 41.05 CAS : 75-05-8 Assay : $\geq 99.9\%$ Store below 30°C	MB159-500ML	500ml
Acridine orange For Molecular Biology C.I. No. : 46005 $C_{17}H_{20}ClN_3.HCl \cdot \frac{1}{2}ZnCl_2$ MW : 369.96 CAS : 10127-02-3 Store below 30°C	MB116-10G MB116-25G	10gm 25gm
Acriflavine, Neutral For Molecular Biology C.I. No. : 46000 $C_{14}H_{14}ClN_3$ MW : 259.73 CAS : 8048-52-0 Store below 30°C	MB217-100G	100gm

Product	Code	Packing
Acrylamide For Molecular Biology (Nuclease and Protease free) C_3H_5NO MW : 71.08 CAS : 79-06-1 Assay : $\geq 99.9\%$ Store below 30°C	MB068-25G MB068-100G MB068-500G MB068-1KG	25gm 100gm 500gm 1kg
Agar powder For Molecular Biology CAS : 9002-18-0 Store below 30°C	MB053-100G MB053-500G MB053-1KG	100gm 500gm 1kg
Agarose DNA grade, low melting For Molecular Biology CAS : 9012-36-6 Store below 30°C	MB080-10G MB080-100G	10gm 100gm
Agarose For Pulse Field Gel Electrophoresis (PFGE) For Molecular Biology CAS : 9012-36-6 Store below 30°C	MB094-100G MB094-500G MB094-1KG	100gm 500gm 1kg
Agarose special, High EEO For Molecular Biology (Nuclease and Protease free) CAS : 9012-36-6 Store below 30°C	MB176-10G MB176-100G MB176-500G	10gm 100gm 500gm
Agarose special, Low EEO For Molecular Biology (Nuclease and Protease free) CAS : 9012-36-6 Store below 30°C	MB002-10G MB002-50G MB002-100G MB002-500G MB002-1KG	10gm 50gm 100gm 500gm 1kg
Agarose special, Medium EEO For Molecular Biology (Nuclease and Protease free) CAS : 9012-36-6 Store below 30°C	MB175-10G MB175-100G MB175-1KG	10gm 100gm 1kg
Agarose, Ultrapure, Low EEO For Molecular Biology (Nuclease and Protease free) CAS : 9012-36-6 Store below 30°C	MB229-50G MB229-100G MB229-500G MB229-1KG	50gm 100gm 500gm 1kg
Alcian blue 8GX For Molecular Biology $C_{36}H_{88}Cl_2CuN_{16}S_4$ Cl No. : 74240 MW : 1298.86 CAS : 33864-99-2 Store below 30°C	MB185-25G MB185-50G	25gm 50gm

Product	Code	Packing
Alkaline phosphatase New From Bovine Intestine For Molecular Biology MW : ~160 kDa CAS : 9001-78-9 Activity : 2000-4000 DAE unit/mg Store at 2 - 8°C	MB277-1000U	1000u
Amaranth For Molecular Biology $C_{20}H_{11}N_2Na_3O_{10}S_3$ MW : 604.47 CAS : 915-67-3 Store below 30°C	MB173-25G MB173-100G	25gm 100gm
Amido black 10B For Molecular Biology $C_{22}H_{14}N_8Na_2O_9S_2$ MW : 616.49 CAS : 1064-48-8 Store below 30°C	MB165-25G MB165-100G	25gm 100gm
Ammonium acetate For Molecular Biology $C_2H_7NO_2$ MW : 77.08 CAS : 631-61-8 Assay : ≥98% Store below 30°C	MB033-100G MB033-500G	100gm 500gm
Ammonium chloride For Molecular Biology NH_4Cl MW : 53.49 CAS : 12125-02-9 Assay : ≥99.5% Store below 30°C	MB054-500G	500gm
di-Ammonium hydrogen citrate For Molecular Biology $C_6H_{14}N_2O_7$ MW : 226.18 CAS : 3012-65-5 Assay : ≥ 99% Store below 30°C	MB184-500G	500gm
Ammonium molybdate tetrahydrate For Molecular Biology $(NH_4)_6Mo_7O_{24} \cdot 4H_2O$ MW : 1235.86 CAS : 12054-85-2 Assay : ≥99% Store below 30°C	MB249-100G MB249-500G	100gm 500gm
Ammonium persulphate For Molecular Biology (Nuclease and Protease free) $(NH_4)_2S_2O_8$ MW : 228.2 CAS : 7727-54-0 Assay : ≥98% Store below 30°C	MB003-25G MB003-100G MB003-500G	25gm 100gm 500gm
Ammonium phosphate dibasic For Molecular Biology $(NH_4)_2HPO_4$ MW : 132.06 CAS : 7783-28-0 Assay : ≥ 98% Store below 30°C	MB192-500G	500gm

Product	Code	Packing
Ammonium phosphate monobasic For Molecular Biology $NH_4H_2PO_4$ MW : 115.03 CAS : 7722-76-1 Assay : ≥ 99% Store below 30°C	MB193-500G	500gm
Ammonium sulphate For Molecular Biology $(NH_4)_2SO_4$ MW : 132.14 CAS : 7783-20-2 Assay : ≥99% Store below 30°C	MB004-250G MB004-500G	250gm 500gm
Ammonium thiocyanate For Molecular Biology NH_4SCN MW : 76.12 CAS : 1762-95-4 Assay : ≥ 99% Store below 30°C	MB260-500G	500gm
Ampicillin sodium salt For Molecular Biology $C_{16}H_{18}N_3NaO_5S$ MW : 371.39 CAS : 69-52-3 Assay : ≥91% Store at 2 - 8°C	MB104-1G MB104-5G	1gm 5gm
Aprotinin, From bovine lung For Molecular Biology $C_{284}H_{467}N_{93}O_{99}S_7$ MW : 6511.14 CAS : 9087-70-1 Specific activity : ≥3.0 PEU/mg (≥5400 KIU/mg) Store at 2 - 8°C	MB119-50MG MB119-100MG	50mg 100mg
Avidin, From egg white For Molecular Biology MW : ~68,000 CAS : 1405-69-2 Activity : ≥10U/mg of protein Store at 2 - 8°C	MB120-10MG MB120-100MG	10mg 100mg
L(+)-Arabinose New For Molecular Biology $C_5H_{10}O_5$ MW : 150.13 CAS : 5328-37-0 Assay : ≥99% Store below 10-30°C	MB271-1KG	1kg
2,2'-Azino-bis (3-ethylbenzothiazoline-6-sulfonic acid) diammonium salt For Molecular Biology $C_{18}H_{24}N_6O_6S_4$ MW : 548.68 CAS : 30931-67-0 Assay : ≥98% Store below 30°C	MB255-1G	1gm
BES buffer For Molecular Biology $C_8H_{15}NO_5S$ MW : 213.25 CAS : 10191-18-1 Assay : ≥99.5% Store below 30°C	MB118-25G MB118-100G	25gm 100gm

Product	Code	Packing
BIS-TRIS (Bis[2-hydroxyethyl]-amino-tris [hydroxymethyl] methane) For Molecular Biology C ₈ H ₁₉ NO ₃ MW : 209.24 CAS : 6976-37-0 Assay : ≥98.0% Store below 30°C	MB006-25G MB006-100G	25gm 100gm
Barbituric acid For Molecular Biology C ₄ H ₄ N ₂ O ₃ MW : 128.09 CAS : 67-52-7 Assay : ≥ 99% Store below 30°C	MB117-100G MB117-500G	100gm 500gm
Bicine For Molecular Biology C ₆ H ₁₃ NO ₄ MW : 163.17 CAS : 150-25-4 Assay : ≥99% Store below 30°C	MB133-25G MB133-100G MB133-500G	25gm 100gm 500gm
Bis-acrylamide [see: N,N'-Methylene-bis(acrylamide)] For Molecular Biology (Nuclease and Protease free) C ₈ H ₁₀ N ₂ O ₃ MW : 154.17 CAS : 110-26-9 Assay : ≥99% Store below 30°C	MB005-25G MB005-100G MB005-250G MB005-500G	25gm 100gm 250gm 500gm
Biuret For Molecular Biology C ₂ H ₅ N ₃ O ₂ MW : 103.08 CAS : 108-19-0 Assay : ≥97% Store below 30°C	MB136-25G MB136-100G	25gm 100gm
Blue dextran From <i>Leuconostoc mesenteroides</i> For Molecular Biology Av. MW.: 2,000,000 CAS : 87915-38-6 Store below 30°C	MB137-1G	1gm
Borax For Molecular Biology Na ₂ B ₄ O ₇ ·10H ₂ O MW : 381.37 CAS : 1303-96-4 Assay : ≥99.5% Store below 30°C	MB259-500G	500gm
Boric acid For Molecular Biology H ₃ BO ₃ MW : 61.83 CAS : 10043-35-3 Assay : ≥99.8% Store below 30°C	MB007-500G MB007-1KG	500gm 1kg
Bovine serum albumin (Nuclease and Protease free) For Molecular Biology CAS : 9048-46-8 Assay : ≥98% protein Store at 2 - 8°C	MB083-5G MB083-25G MB083-100G MB083-500G	5gm 25gm 100gm 500gm

Product	Code	Packing
Brilliant blue R - 250 (see: Coomassie® brilliant blue R-250) For Molecular Biology C.I.No.: 42660 C ₄₅ H ₄₄ N ₃ NaO ₇ S ₂ MW : 825.97 CAS : 6104-59-2 Store below 30°C	MB153-5G MB153-25G MB153-100G	5gm 25gm 100gm
Bromophenol blue For Molecular Biology C ₁₉ H ₁₀ Br ₄ O ₅ S MW : 669.96 CAS : 115-39-9 Store below 30°C	MB123-5G MB123-25G	5gm 25gm
Bromothymol blue For Molecular Biology C ₂₇ H ₂₆ Br ₂ O ₅ S MW : 624.38 CAS : 76-59-5 Store below 30°C	MB196-5G MB196-50G	5gm 50gm
1-Butanol (n-Butyl alcohol) For Molecular Biology C ₄ H ₁₀ O MW : 74.12 CAS : 71-36-3 Assay : ≥99.5% Store below 30°C	MB055-500ML	500ml
2-Butanol For Molecular Biology C ₄ H ₁₀ O MW : 74.12 CAS : 78-92-2 Assay : ≥99% Store below 30°C	MB056-500ML	500ml
CAPS (3-[Cyclohexylamino]-1-propanesulphonic acid) For Molecular Biology C ₈ H ₁₉ NO ₃ S MW : 221.32 CAS : 1135-40-6 Assay : ≥99% Store below 30°C	MB008-25G MB008-100G MB008-250G MB008-1KG	25gm 100gm 250gm 1kg
CHAPS For Molecular Biology C ₂₃ H ₃₉ N ₃ O ₇ S MW : 614.88 CAS : 75621-03-3 Assay : ≥98% Store below 30°C	MB084-1G MB084-5G MB084-10G	1gm 5gm 10gm
Calcium chloride dihydrate For Molecular Biology CaCl ₂ ·2H ₂ O MW : 147.01 CAS : 10035-04-8 Assay : ≥99% Store below 30°C	MB034-100G MB034-500G	100gm 500gm
Carbinol For Molecular Biology CH ₃ OH MW : 32.04 CAS : 67-56-1 Assay : ≥99.9% Store below 30°C	MB154-100ML MB154-500ML	100ml 500ml

Product	Code	Packing
Casein (Hammarsten) New For Molecular Biology (Nuclease and Protease free) CAS : 9000-71-9 Assay : ≥95% Store below 10-30°C	MB279-100G MB279-500G	100gm 500gm
Carboxymethylcellulose sodium salt, Medium viscosity (CMC) For Molecular Biology Viscosity : 400 - 800cP (1% in water) CAS : 9004-32-4 Store below 30°C	MB138-100G	100gm
Cefotaxime sodium salt For Molecular Biology $C_{16}H_{16}N_2NaO_5S_2$ MW : 477.45 CAS : 64485-93-4 Assay : ≥98% Store at 2 - 8°C	MB134-1G MB134-5G MB134-10G MB134-25G	1gm 5gm 10gm 25gm
Cellulose powdered For Molecular Biology CAS : 9004-34-6 Assay : ≥97% Store below 30°C	MB132-500G	500gm
Cesium chloride For Molecular Biology CsCl MW : 168.36 CAS : 7647-17-8 Assay : ≥99.5% Store below 30°C	MB049-100G MB049-500G	100gm 500gm
CTAB (N-Cetyl-N,N,N-trimethylammonium bromide) For Molecular Biology $C_{18}H_{32}BrN$ MW : 364.45 CAS : 57-09-0 Assay : ≥99% Store below 30°C	MB101-100G MB101-500G	100gm 500gm
Cetrimide For Molecular Biology $C_{17}H_{35}BrN$ MW : 336.4 CAS : 8044-71-1 Assay : ≥96% Store below 30°C	MB230-100G MB230-500G	100gm 500gm
Cetyltrimethylammonium bromide For Molecular Biology $C_{20}H_{44}BrN$ MW : 378.47 CAS : 124-03-8 Assay : ≥ 98% Store at 2 - 8°C	MB227-100G	100gm
Charcoal activated powder For Molecular Biology CAS : 7440-44-0 Av. MW : 12.01 Store below 30°C	MB261-100G MB261-250G MB261-500G	100gm 250gm 500gm
Chelex®-100 Sodium form (50-100 Mesh) For Molecular Biology Cation exchange resin CAS : 11139-85-8 Av. MW : 3500 Mesh size : 50-100 (dry) Store below 30°C	MB160-25G	25gm

Product	Code	Packing
1-Chloro-2,4-dinitrobenzene For Molecular Biology $C_6H_3ClN_2O_4$ MW : 202.55 CAS : 97-00-7 Assay : ≥ 99% Store below 30°C	MB216-500G	500gm
Chloroform For Molecular Biology $CHCl_3$ MW : 119.38 CAS : 67-66-3 Assay : ≥99.8% Store below 30°C	MB109-100ML MB109-500ML	100ml 500ml
Chloroform : Isoamyl alcohol (24:1) For Molecular Biology Store below 30°C	MB115-100ML MB115-500ML	100ml 500ml
CM-Cellulose CM32 (dry macrogranular) for cation exchange For Molecular Biology CAS : 9000-11-7 Store below 30°C	MB248-500G MB248-1KG	500gm 1kg
Citric acid anhydrous For Molecular Biology $C_6H_8O_7$ MW : 192.12 CAS : 77-92-9 Assay : ≥99.5% Store below 30°C	MB174-500G	500gm
Citric acid trisodium salt dihydrate For Molecular Biology $C_6H_7O_7Na_3 \cdot 2H_2O$ MW : 294.1 CAS : 6132-04-3 Assay : ≥99% Store below 30°C	MB035-500G	500gm
Coomassie® brilliant blue G - 250 For Molecular Biology C.I.No.: 42655 $C_{27}H_{48}N_2NaO_5S_2$ MW : 854.02 CAS : 6104-58-1 Store below 30°C	MB092-5G MB092-25G	5gm 25gm
Coomassie® brilliant blue R - 250 (see: Brilliant Blue R-250) For Molecular Biology C.I.No.: 42660 $C_{25}H_{44}N_2NaO_5S_2$ MW : 825.97 CAS : 6104-59-2 Store below 30°C	MB153-5G MB153-25G MB153-100G	5gm 25gm 100gm
Copper (II) sulphate pentahydrate For Molecular Biology $CuSO_4 \cdot 5H_2O$ MW : 249.69 CAS : 7758-99-8 Assay : ≥99.5% Store below 30°C	MB238-100G MB238-500G	100gm 500gm
Cupric acetate monohydrate For Molecular Biology $(CH_3COO)_2Cu \cdot H_2O$ MW : 199.65 CAS : 6046-93-1 Assay : ≥98.0% Store below 30°C	MB252-50G MB252-100G MB252-500G	50gm 100gm 500gm

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Product	Code	Packing
2,2-Diphenyl-1-picryl hydrazyl For Molecular Biology $C_{18}H_{12}N_4O_6$ MW : 394.32 CAS : 1898-66-4 Assay : $\geq 85\%$ Store at 2 - 8°C	MB263-1G	1g
DAPI dihydrochloride (4',6-Diamidino-2-phenylindole dihydrochloride) For Molecular Biology $C_{16}H_{15}N_5 \cdot 2HCl$ MW : 350.25 CAS : 28718-90-3 Assay : $\geq 95\%$ Store at 2 - 8°C	MB097-10MG MB097-25MG	10mg 25mg
DEAE Cellulose - 52 (Diethylaminoethyl-cellulose) fine mesh For Column chromatography For Molecular Biology CAS : 9013-34-7 Store below 30°C	MB110-5G MB110-25G MB110-100G	5gm 25gm 100gm
DEAE Dextran For Molecular Biology Av. MW. : 500000 CAS : 9015-73-0 Store below 30°C	MB145-25G MB145-100G	25gm 100gm
DEAE-Sephadex® A-50 For Molecular Biology CAS : 39455-31-7 Store below 30°C	MB111-10G MB111-50G MB111-100G	10gm 50gm 100gm
DEPC (Diethyl pyrocarbonate) For Molecular Biology $C_8H_{10}O_5$ MW : 162.14 CAS : 1609-47-8 Assay : $\geq 99\%$ Store at 2 - 8°C	MB076-25ML MB076-100ML	25ml 100ml
DL-DTT (DL-Dithiothreitol) For Molecular Biology $C_4H_{10}O_2S_2$ MW : 154.25 CAS : 3483-12-3 Assay : $\geq 99\%$ Store at 2 - 8°C	MB070-5G MB070-25G	5gm 25gm
Deoxyribonuclease I From bovine pancreas For Molecular Biology E.C.No. : 3.1.21.1 MW : ~31 kDa CAS : 9003-98-9 Activity : ≥ 400 units/mg (Kunitz) Store at -20°C	MB085-3750U MB085-37500U MB085-75000U	3750u 37500u 75000u
Deoxyribonucleic acid sodium salt From calf thymus, highly polymerised For Molecular Biology CAS : 73049-39-5 Store at 2 - 8°C	MB103-50MG MB103-100MG MB103-500MG	50mg 100mg 500mg

Product	Code	Packing
Dextran For Molecular Biology $(C_6H_{10}O_5)_n$ Av. MW : 10,000 CAS : 9004-54-0 Store below 30°C	MB221-100G	100gm
Dextran sulfate sodium salt From <i>Leuconostoc</i> spp. For Molecular Biology MW : ~ 5,00,000 CAS : 9011-18-1 Store at : 2 - 8°C	MB146-5G MB146-25G MB146-100G	5gm 25gm 100gm
Diluent for DNA Extraction (For Molecular Biology) Assay : $\geq 99.8\%$ Store below 30°C	MB228-100ML MB228-500ML MB228-10x500ML	100ml 500ml 10x500ml
N,N-Dimethylformamide (DMF) For Molecular Biology C_3H_7NO MW : 73.09 CAS : 68-12-2 Assay : $\geq 99\%$ Store below 30°C	MB036-250ML MB036-500ML	250ml 500ml
Dimethyl sulphoxide (DMSO) For Molecular Biology C_2H_6OS MW : 78.13 CAS : 67-68-5 Assay : $\geq 99.5\%$ Store below 30°C	MB058-100ML MB058-500ML	100ml 500ml
3-(4,5-Dimethyl-2-thiazolyl)-2,5-diphenyl-2H-tetrazolium bromide (see : MTT; Thiazolyl blue) For Molecular Biology $C_{18}H_{16}BrN_5S$ MW : 414.32 CAS : 298-93-1 Assay : $\geq 98\%$ Store at 2 - 8°C	MB186-100MG MB186-500MG MB186-1G	100mg 500mg 1gm
3,5-Dinitrosalicylic acid For Molecular Biology $C_7H_4N_2O_7$ MW : 228.12 CAS : 609-99-4 Assay : $\geq 98\%$ Store below 30°C	MB232-25G MB232-100G	25gm 100gm
1,4-Dithioerythritol (DTE) For Molecular Biology $C_4H_{10}O_2S_2$ MW : 154.25 CAS : 6892-68-8 Assay : $\geq 99\%$ Store at 2 - 8°C	MB125-1G MB125-5G	1gm 5gm
Dodecyl sulphate sodium salt (see: SDS; Lauryl sulphate sodium salt) For Molecular Biology (Nuclease and Protease free) $C_{12}H_{25}NaO_4S$ MW : 288.38 CAS : 151-21-3 Assay : $\geq 99\%$ Store below 30°C	MB010-25G MB010-100G MB010-500G MB010-1KG	25gm 100gm 500gm 1kg

Product	Code	Packing
EDTA disodium salt dihydrate For Molecular Biology $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$ MW : 372.24 CAS : 6381-92-6 Assay : $\geq 99\%$ Store below 30°C	MB011-500G MB011-1KG	500gm 1kg
EGTA (Ethylene glycol-bis(2-aminoethylether)-N,N,N',N'-tetraacetic acid) For Molecular Biology $C_{14}H_{24}N_4O_{10}$ MW : 380.35 CAS : 67-42-5 Assay : $\geq 99\%$ Store below 30°C	MB130-10G	10gm
Ethidium bromide For Molecular Biology $C_{21}H_{20}BrN_3$ MW : 394.31 CAS : 1239-45-8 Assay : $\geq 95\%$ Store below 30°C	MB071-1G MB071-5G	1gm 5gm
Ethidium bromide solution (10mg/ml) For Molecular Biology $C_{21}H_{20}BrN_3$ MW : 394.31 CAS : 1239-45-8 Assay : $\geq 95\%$ Store at 2-8°C	MB074-10ML	10ml
Fast Green FCF For Molecular Biology C. I. No. : 42053 $C_{37}H_{34}N_2O_{10}S_3Na_2$ MW : 808.85 CAS : 2353-45-9 Store below 30°C	MB187-10G MB187-25G	10gm 25gm
Ferric chloride anhydrous For Molecular Biology $FeCl_3$ MW : 162.2 CAS : 7705-08-0 Assay : $\geq 98\%$ Store below 30°C	MB254-50MG MB254-1G MB254-5G	50mg 1gm 5gm
Ficoll ▶ 400 For Molecular Biology Av. MW : 400000 CAS : 26873-85-8 Store below 30°C	MB167-5G MB167-25G	5gm 25gm
Formaldehyde sol., 37% (Formalin; Methanal) For Molecular Biology CH_2O MW : 30.03 CAS : 50-00-0 Assay : 37-41% Store below 30°C	MB059-500ML	500ml
Formamide (Liquid) Forms a clear colourless solution in water (10%) For Molecular Biology $CONH_2$ MW : 45.04 CAS : 75-12-7 Assay : $\geq 99.5\%$ Store below 30°C	MB012-500ML MB012-1L	500ml 1lt

Product	Code	Packing
D-(-)-Fructose For Molecular Biology $C_6H_{12}O_6$ MW : 180.16 CAS : 57-48-7 Assay : $\geq 99\%$ Store below 30°C	MB197-100G MB197-500G MB197-1KG	100gm 500gm 1kg
D-(+)-Galactose For Molecular Biology $C_6H_{12}O_6$ MW : 180.16 CAS : 59-23-4 Assay : $\geq 99\%$ Store below 30°C	MB177-100G MB177-500G MB177-1KG	100gm 500gm 1kg
Gelatin, Type A For Molecular Biology Assay : 70-90% Protein (Biuret) CAS : 9000-70-8 Store below 30°C	MB169-500G	500gm
D-(+)-Glucose anhydrous For Molecular Biology $C_6H_{12}O_6$ MW : 180.16 CAS : 50-99-7 Assay : $\geq 99.5\%$ Store below 30°C	MB037-100G MB037-500G	100gm 500gm
Glutaraldehyde Solution, 25% w/w For Molecular Biology $C_5H_8O_2$ MW : 100.12 CAS : 111-30-8 Concentration : 24.5-30 % Store at 2 - 8°C	MB222-100ML	100ml
L-Glutathione reduced For Molecular Biology $C_{10}H_{17}N_3O_6S$ MW : 307.32 CAS : 70-18-8 Assay : $\geq 98\%$ Store at 2 - 8°C	MB166-1G MB166-5G MB166-25G MB166-100G	1gm 5gm 25gm 100gm
Glycerol (1,2,3-Propanetriol) For Molecular Biology $C_3H_8O_3$ MW : 92.09 CAS : 56-81-5 Assay : $\geq 99.5\%$ Store below 30°C	MB060-100ML MB060-500ML MB060-1L	100ml 500ml 1lt
Glycine For Molecular Biology (Nuclease and Protease free) $C_2H_5NO_2$ MW : 75.07 CAS : 56-40-6 Assay : $\geq 99\%$ Store below 30°C	MB013-100G MB013-500G MB013-1KG MB013-5KG	100gm 500gm 1kg 5kg
Glycogen (From Oysters) Type II For Molecular Biology $(C_6H_{10}O_5)_n$ CAS: 9005-79-2 Total sugar : $\geq 90\%$ Store at 2 - 8°C	MB164-1G MB164-5G MB164-25G	1gm 5gm 25gm
Guanidine hydrochloride For Molecular Biology $CH_5N_3.HCl$ MW : 95.53 CAS : 50-01-1 Assay : $\geq 99\%$ Store below 30°C	MB014-25G MB014-100G MB014-500G	25gm 100gm 500gm


Product	Code	Packing
Guanidine thiocyanate (Guanidine isothiocyanate) For Molecular Biology $\text{CH}_5\text{N}_3\text{CHNS}$ MW : 118.16 CAS : 593-84-0 Assay : $\geq 99\%$ Store below 30°C	MB015-25G MB015-100G MB015-500G MB015-1KG	25gm 100gm 500gm 1kg
Guanine For Molecular Biology $\text{C}_5\text{H}_4\text{N}_6\text{O}$ MW : 151.13 CAS : 73-40-5 Assay : $\geq 98\%$ Store at 2 - 8°C	MB213-50G	50gm
HEPES [N-(2-Hydroxyethyl)piperazine-N'-(2-ethanesulphonic acid)] For Molecular Biology $\text{C}_8\text{H}_{18}\text{N}_2\text{O}_4\text{S}$ MW : 238.3 CAS : 7365-45-9 Assay : $\geq 99.5\%$ Store below 30°C	MB016-25G MB016-100G MB016-500G	25gm 100gm 500gm
HEPES, low sodium For Molecular Biology $\text{C}_8\text{H}_{16}\text{N}_2\text{O}_4\text{S}$ MW : 238.31 CAS : 7365-45-9 Assay : $\geq 99.5\%$ Store below 30°C	MB018-25G MB018-100G	25gm 100gm
HEPES, sodium salt For Molecular Biology $\text{C}_8\text{H}_{17}\text{N}_2\text{NaO}_4\text{S}$ MW : 260.29 CAS : 75277-39-3 Assay : $\geq 99\%$ Store below 30°C	MB017-25G MB017-100G MB017-500G	25gm 100gm 500gm
Humic acid sodium salt For Molecular Biology CAS: 68131-04-4 Store below 30°C	MB152-100G	100gm
Hygromycin-B New For Molecular Biology $\text{C}_{20}\text{H}_{37}\text{N}_3\text{O}_{13}$ CAS: 68131-04-4 MW : 527.52 Assay : $\geq 60\%$ Store below 2 - 8°C	MB272-250MG MB272-1G	250mg 1g
Imidazole For Molecular Biology $\text{C}_3\text{H}_4\text{N}_2$ MW : 68.08 CAS : 288-32-4 Assay : $\geq 99\%$ Store below 30°C	MB019-100G MB019-500G	100gm 500gm
Iodonitrotetrazolium chloride (Int Dye) For Molecular Biology $\text{C}_{10}\text{H}_{13}\text{Cl/N}_4\text{O}_2$ MW : 505.7 CAS : 146-68-9 Assay : $\geq 95\%$ Store at 2 - 8°C	MB200-1G	1gm

Product	Code	Packing
Isoamyl alcohol For Molecular Biology $\text{C}_5\text{H}_{12}\text{O}$ MW : 88.15 CAS : 123-51-3 Assay : $\geq 98.5\%$ Store below 30°C	MB091-100ML MB091-500ML	100ml 500ml
Isopropyl-β-D-thiogalactopyranoside (Isopropyl-β-D-thiogalactoside; IPTG) For Molecular Biology $\text{C}_9\text{H}_{18}\text{O}_5$ MW : 238.3 CAS : 367-93-1 Assay : $\geq 99\%$ Store at 2 - 8°C	MB072-1G MB072-5G MB072-10G MB072-25G	1gm 5gm 10gm 25gm
Kanamycin sulphate For Molecular Biology $\text{C}_{18}\text{H}_{36}\text{N}_4\text{O}_{11}\text{H}_2\text{SO}_4$ MW : 582.58 CAS : 25389-94-0 Potency : $\geq 750\mu\text{g}/\text{mg}$ Store at 2 - 8°C	MB105-1G MB105-5G MB105-25G	1gm 5gm 25gm
α-Ketoglutaric acid For Molecular Biology $\text{C}_5\text{H}_6\text{O}_5$ MW : 146.1 CAS : 328-50-7 Assay : $\geq 99\%$ Store at 2 - 8°C	MB218-100G	100gm
Lactose monohydrate For Molecular Biology $\text{C}_{12}\text{H}_{22}\text{O}_{11}\text{H}_2\text{O}$ MW : 360.31 CAS : 64044-51-5 Assay : $\geq 99.5\%$ Store below 30°C	MB062-500G MB062-5KG	500gm 5kg
Lauryl sulphate sodium salt (see: Dodecyl sulphate sodium salt, SDS) For Molecular Biology (Nuclease and Protease free) $\text{C}_{12}\text{H}_{25}\text{NaO}_4\text{S}$ MW : 288.38 CAS : 151-21-3 Assay : $\geq 99\%$ Store below 30°C	MB010-25G MB010-100G MB010-500G MB010-1KG	25gm 100gm 500gm 1kg
Lead (II) acetate trihydrate For Molecular Biology $\text{C}_4\text{H}_6\text{O}_4\text{Pb}\cdot 3\text{H}_2\text{O}$ MW : 379.33 CAS : 6080-56-4 Assay : $\geq 99\%$ Store below 30°C	MB239-100G MB239-500G	100gm 500gm
Light green SF yellowish For Molecular Biology C.I.No.: 42095 $\text{C}_{37}\text{H}_{34}\text{N}_2\text{O}_5\text{S}_2\text{Na}_2$ MW : 792.85 CAS : 5141-20-8 Store below 30°C	MB201-25G MB201-100G	25gm 100gm
Lithium chloride For Molecular Biology LiCl MW : 42.39 CAS : 7447-41-8 Assay : $\geq 99\%$ Store below 30°C	MB038-100G MB038-500G	100gm 500gm

* Product will be shipped at 2-8°C

Product	Code	Packing
*Lysozyme (Muramidase) From chicken egg white Lyophilized For Molecular Biology E.C.No.: 3.2.1.17 Av. MW : 14600 Daltons CAS :12650-88-3 Activity : ~30,000 U /mg Upon receipt store at - 20°C	MB098-1G MB098-5G MB098-25G	1gm 5gm 25gm
*Lyticase From <i>Anthrobacter luteus</i> For Molecular Biology Activity : ≥2000 U/mg of Protein Upon receipt store at - 20°C	MB099-10000U MB099-20000U	10000u 20000u
MES monohydrate (2-(N-Morpholino)ethanesulphonic acid monohydrate) For Molecular Biology $C_6H_{13}NO_5S.H_2O$ MW : 213.25 CAS : 145224-94-8 Assay : ≥90% Store below 30°C	MB020-25G MB020-100G	25gm 100gm
MOPS (3-(N-Morpholino)propanesulphonic acid) For Molecular Biology $C_7H_{15}NO_5S$ MW : 209.26 CAS : 1132-61-2 Assay : ≥99.5% Store below 30°C	MB021-25G MB021-100G MB021-500G	25gm 100gm 500gm
MOPSO Buffer For Molecular Biology $C_7H_{15}NO_5S$ MW : 225.26 CAS : 68399-77-9 Assay : ≥ 99% Store below 30°C	MB214-25G	25gm
MTT (see : 3-(4,5- Dimethyl-2-thiazolyl)-2,5-diphenyl-2H-tetrazolium bromide); Thiazolyl blue) For Molecular Biology $C_{18}H_{16}BrN_5S$ MW : 414.32 CAS : 298-93-1 Assay : ≥ 98% Store at 2 - 8°C	MB186-100MG MB186-500MG MB186-1G	100mg 500mg 1gm
Magnesium acetate tetrahydrate For Molecular Biology $C_4H_8MgO_4.4H_2O$ MW : 214.45 CAS : 16674-78-5 Assay : ≥99% Store below 30°C	MB039-100G	100gm
Magnesium chloride anhydrous For Molecular Biology $MgCl_2$ MW : 95.21 CAS : 7786-30-3 Assay : ≥98% Store below 30°C	MB237-100G MB237-500G	100gm 500gm
Magnesium chloride hexahydrate For Molecular Biology $MgCl_2.6H_2O$ MW : 203.30 CAS : 7791-18-6 Assay : ≥99.5% Store below 30°C	MB040-100G MB040-500G	100gm 500gm

Product	Code	Packing
Magnesium sulphate heptahydrate For Molecular Biology $MgSO_4.7H_2O$ MW : 246.47 CAS: 10034-99-8 Assay : ≥99.5% Store below 30°C	MB171-500G	500gm
Maleic acid For Molecular Biology $C_4H_4O_4$ MW : 116.07 CAS : 110-16-7 Assay : ≥99% Store below 30°C	MB147-500G	500gm
DL-Malic acid For Molecular Biology $C_4H_6O_5$ MW : 134.09 CAS : 6915-15-7 Assay : ≥99% Store below 30°C	MB142-500G	500gm
D-(+)-Maltose monohydrate For Molecular Biology $C_{12}H_{22}O_{11}.H_2O$ MW : 360.31 CAS :6363-53-7 Assay : ≥95% Store below 30°C	MB231-100G MB231-500G	100gm 500gm
Manganese (II) chloride tetrahydrate For Molecular Biology $MnCl_2.4H_2O$ MW : 197.91 CAS : 13446-34-9 Assay : ≥98% Store below 30°C	MB236-100G MB236-500G	100gm 500gm
Manganese (II) sulphate monohydrate For Molecular Biology $MnSO_4.H_2O$ MW : 169.02 CAS : 10034-96-5 Assay : ≥ 99% Store below 30°C	MB202-500G MB202-1KG	500gm 1kg
Magnesium oxide, light New For Molecular Biology MgO MW : 40.3 CAS : 1309-48-4 Assay : ≥98% Store below 10-30°C	MB275-500G	500gm
D-Mannitol For Molecular Biology $C_6H_{14}O_6$ MW : 182.17 CAS : 69-65-8 Assay : ≥ 99% Store below 30°C	MB198-500G MB198-1KG	500gm 1kg
D-(+)-Mannose For Molecular Biology $C_6H_{12}O_6$ MW : 180.16 CAS : 3458-28-4 Assay : ≥ 99% Store below 30°C	MB212-100G	100gm

Product	Code	Packing
2-Mercaptoethanol For Molecular Biology C_2H_6OS MW : 78.13 CAS : 60-24-2 Assay : $\geq 98\%$ Store below 30°C	MB041-100ML MB041-500ML	100ml 500ml
Mercuric chloride For Molecular Biology $HgCl_2$ MW : 271.50 CAS : 7487-94-7 Assay : $\geq 99.5\%$ Store below 30°C	MB223-250G	250gm
Methanol For Molecular Biology CH_3OH MW : 32.04 CAS : 67-56-1 Assay : $\geq 99.9\%$ Store below 30°C	MB113-100ML MB113-500ML	100ml 500ml
N,N'-Methylene-bis(acrylamide) (see: Bis-acrylamide) For Molecular Biology $C_8H_{10}N_2O_2$ MW : 154.17 CAS : 110-26-9 Assay : $\geq 99\%$ Store below 30°C	MB005-25G MB005-100G MB005-250G MB005-500G	25gm 100gm 250gm 500gm
Methylene blue trihydrate For Molecular Biology $C_{16}H_{18}ClN_3S_3H_2O$ Cl No. : 52015 MW : 373.9 CAS : 7220-79-3 Assay : $\geq 99\%$ Store below 30°C	MB257-25G MB257-100G	25gm 100gm
α-Methyl-D-mannoside (Methyl- α -D-mannopyranoside) $C_8H_{14}O_6$ CAS : 617-04-9 MW : 194.18 Assay : $\geq 99\%$ Store below 30°C	MB250-10G MB250-25G	10gm 25gm
Mineral oil For Molecular Biology CAS : 8042-47-5 Store below 30°C	MB161-5ML MB161-500ML	5ml 500ml
Molecular Sieve 3Å, Rods  (see : Potassium alumino silicate, Rods) For Molecular Biology CAS : 308080-99-1 $KnNa_{12}-n[(AlO_2)_{12}(SiO_2)_{12}]xH_2O$ Store below 30°C	MB280-250G	250gm
NAD (DPN; Nicotinamide adenine dinucleotide, From yeast) For Molecular Biology $C_{21}H_{27}N_7O_{14}P$ MW : 663.43 CAS : 53-84-9 Assay : $\geq 95\%$ Store at 2 - 8°C	MB268-1G MB268-5G	1gm 5gm

Product	Code	Packing
NADP (TPN) disodium salt (Nicotinamide adenine dinucleotide phosphate disodium salt) For Molecular Biology $C_{21}H_{26}N_7Na_2O_{17}P_3$ MW : 787.37 CAS : 24292-60-2 Assay : $\geq 90\%$ Store at 2 - 8°C	MB269-100MG MB269-1G	100mg 1g
NADH disodium salt (DPNH disodium salt; β -Nicotinamide adenine dinucleotide reduced disodium salt) For Molecular Biology $C_{21}H_{27}N_7O_{14}P_2 \cdot 2Na$ MW : 709.4 CAS : 606-68-8 Assay : $\geq 97\%$ Store at 2 - 8°C	MB270-100MG MB270-1G MB270-5G	100mg 1gm 5gm
Nile red $C_{20}H_{18}N_2O_2$ For Molecular Biology MW : 318.37 CAS : 7385-67-3 Store below 30°C	MB256-100MG MB256-1G	100mg 1gm
Ninhydrin (2,2 Dihydroxy-1,3-indanedione) For Molecular Biology $C_9H_8O_4$ MW : 178.14 CAS : 485-47-2 Assay : $\geq 99\%$ Store below 30°C	MB234-10G MB234-25G	10gm 25gm
Nitroblue tetrazolium chloride (NBT) For Molecular Biology $C_8H_8N_4O_6Cl_2$ MW : 817.64 CAS : 298-83-9 Assay : $\geq 98\%$ Store at 2 - 8°C	MB107-100MG MB107-250MG MB107-1G	100mg 250mg 1gm
p-Nitrophenyl phosphate disodium salt hexahydrate For Molecular Biology $C_6H_4NNa_2O_6P_6H_2O$ MW : 371.14 CAS : 333338-18-4 Assay : $\geq 98\%$ Store at 2 - 8°C	MB124-5G MB124-25G	5gm 25gm
Nonidet® P-40 (4-Nonylphenyl-polyethylene glycol) (NP-40) For Molecular Biology CAS : 9016-45-9 Store below 30°C	MB143-100ML MB143-500ML	100ml 500ml
Orange G For Molecular Biology C.I.No. : 16230 $C_{16}H_{10}N_2O_7S_2Na_2$ MW : 452.37 CAS : 1936-15-8 Store below 30°C	MB168-10G MB168-50G	10gm 50gm
Orcinol monohydrate For Molecular Biology $C_7H_8O_2 \cdot H_2O$ MW : 142.15 CAS : 6153-39-5 Assay : $\geq 98\%$ Store below 30°C	MB242-10G MB242-25G MB242-100G	10gm 25gm 100gm

Product	Code	Packing
Orthophosphoric acid For Molecular Biology H_3PO_4 MW : 98.00 CAS:7664-38-2 Assay : $\geq 85\%$ Store below 30°C	MB157-250ML	250ml
Oxalic acid dihydrate For Molecular Biology $C_2H_2O_4 \cdot 2H_2O$ MW : 126.07 CAS : 6153-56-6 Assay : $\geq 99\%$ Store below 30°C	MB205-1KG	1kg
PIPES (Piperazine-N,N'-bis(2-ethanesulphonic acid)) For Molecular Biology $C_8H_{18}N_2O_6S_2$ MW : 302.37 CAS : 5625-37-6 Assay : $\geq 99.5\%$ Store below 30°C	MB022-100G MB022-500G	100gm 500gm
Paraffin Wax (noncaking) Packed in SS container Congealing point : 58 - 60°C For Molecular Biology Store below 30°C	MB265-500G MB265-2KG	500gm 2kg
Paraffin wax pellets Congealing point : 58 - 60°C For Molecular Biology Store below 30°C	MB266-500G MB266-2KG	500gm 2kg
Paraffin wax pellets (Soft) Congealing point : 58 - 60°C For Molecular Biology Store below 30°C	MB267-500G MB267-2KG	500gm 2kg
Perchloric acid about 60% For Molecular Biology $HClO_4$ MW: 100.46 CAS: 7601-90-3 Assay : 60-62% Store below 30°C	MB170-500ML	500ml
Peroxidase, Horseradish For Molecular Biology (Rz ≥ 3.0 , salt free) CAS : 9003-99-0 Activity : ≥ 250 units/mg Store at 2 - 8°C	MB225-25000U	25000u
Phenazine methosulphate For Molecular Biology $C_{14}H_{11}N_3SO_2$ MW : 306.34 CAS : 299-11-6 Assay : $\geq 90\%$ Store at 2 - 8°C	MB206-10G	10gm
Phenol, crystals (Hydroxybenzene) For Molecular Biology C_6H_6O MW : 94.11 CAS : 108-95-2 Assay : $\geq 99\%$ Store at 2 - 8°C	MB079-100G MB079-500G MB079-1KG	100gm 500gm 1kg

Product	Code	Packing
Phenol:Chloroform:Isoamyl alcohol mixture (25:24:1 v/v) For Molecular Biology CAS : 136112-00-0 Store at 2 - 8°C	MB078-100ML MB078-500ML	100ml 500ml
Phenol, saturated w/0.1 M citrate buffer For Molecular Biology C_6H_6O MW : 94.11 CAS : 108-95-2 Store at 2 - 8°C	MB081-100ML MB081-500ML	100ml 500ml
Phenol Solution (Equilibrated with 10mM Tris HCl pH 8.0 with 1mM EDTA) For Molecular Biology C_6H_6O MW : 94.11 CAS : 108-95-2 Assay : $\geq 99\%$ Store at 2 - 8°C	MB082-100ML MB082-500ML	100ml 500ml
Phenol, Saturated w/10% water Phenol liquid contains 10% water For Molecular Biology C_6H_6O MW : 94.11 CAS : 108-95-2 Assay : $\geq 90\%$ Store at 2 - 8°C	MB077-100ML MB077-500ML	100ml 500ml
Phenylmethanesulfonyl fluoride (PMSF) For Molecular Biology $C_7H_7FO_2S$ MW : 174.19 CAS : 329-98-6 Assay : $\geq 99\%$ Store below 30°C	MB144-1G MB144-5G MB144-10G	1gm 5gm 10gm
Poly(ethylene glycol) MW 4000 For Molecular Biology $H(OCH_2CH_2)_nOH$ Av MW : 3600-4400 CAS : 25322-68-3 Store below 30°C	MB148-500G	500gm
Poly(ethylene glycol) MW 6000 For Molecular Biology $H(OCH_2CH_2)_nOH$ Av MW : 5000-7000 CAS : 25322-68-3 Store below 30°C	MB149-500G	500gm
Poly(ethylene glycol) MW 8000 For Molecular Biology $H(OCH_2CH_2)_nOH$ Av MW : 7000-9000 CAS : 25322-68-3 Store below 30°C	MB150-500G	500gm
Poly(ethylene glycol) MW 20000 For Molecular Biology $H(OCH_2CH_2)_nOH$ Av MW : 16000-25000 CAS : 25322-68-3 Store below 30°C	MB151-500G	500gm

Product	Code	Packing
Polyvinylpyrrolidone (PVP) K-30 (Povidone) For Molecular Biology Water soluble polymer made from N-Vinylpyrrolidone (C ₆ H ₉ NO) _n Av. MW : 40000 CAS : 9003-39-8 Store below 30°C	MB102-100G MB102-500G	100gm 500gm
Ponceau S sodium salt Electrophoretic stain For Molecular Biology C.I.No. : 27195 C ₂₂ H ₁₂ N ₄ O ₁₂ S ₄ Na ₄ MW : 760.57 CAS : 6226-79-5 Store below 30°C	MB096-25G	25gm
Potassium acetate For Molecular Biology C ₂ H ₃ KO ₂ MW : 98.14 CAS : 127-08-2 Assay : ≥99% Store below 30°C	MB042-100G MB042-500G	100gm 500gm
Polyox™ WSR-303 NF New Water soluble resin (Non-ionic) For Molecular Biology Av. MW : 7,00,000 Store below 30°C	MB281-500G	500gm
Potassium alumino silicate, Rods New see : Molecular Sieve 3Å, Rods For Molecular Biology CAS : 308080-99-1 K ₂ Na ₁₂₋₁₄ (AlO ₂) ₁₂ (SiO ₂) ₁₂ ·xH ₂ O Store below 30°C	MB280-250G	250gm
Potassium chloride For Molecular Biology KCl MW : 74.55 CAS : 7447-40-7 Assay : ≥99% Store below 30°C	MB043-500G	500gm
Potassium hydroxide pellets For Molecular Biology KOH MW : 56.11 CAS : 1310-58-3 Assay : ≥85% Store below 30°C	MB262-500G	500gm
Potassium iodide For Molecular Biology KI MW : 166.0 CAS : 7681-11-0 Assay : ≥99.8% Store below 30°C	MB235-100G MB235-250G	100gm 250gm
Potassium nitrate For Molecular Biology KNO ₃ MW : 101.1 CAS : 7757-79-1 Assay : ≥ 99% Store below 30°C	MB207-500G	500gm

Product	Code	Packing
Potassium phosphate dibasic anhydrous For Molecular Biology K ₂ HPO ₄ MW : 174.18 CAS : 7758-11-4 Assay : ≥99% Store below 30°C	MB044-100G MB044-500G	100gm 500gm
Potassium phosphate monobasic anhydrous For Molecular Biology KH ₂ PO ₄ MW : 136.09 CAS : 7778-77-0 Assay : ≥99% Store below 30°C	MB050-100G MB050-500G	100gm 500gm
Potassium sodium tartrate tetrahydrate For Molecular Biology C ₄ H ₄ KNaO ₆ ·4H ₂ O MW : 282.22 CAS : 6381-59-5 Assay : ≥99% Store below 30°C	MB258-500G	500gm
2-Propanol (Isopropyl alcohol) For Molecular Biology C ₃ H ₈ O MW : 60.1 CAS : 67-63-0 Assay : ≥99.8% Store below 30°C	MB063-1L	1lt
2-Propanol (70% in H₂O) New HiPer® Clean-Up Reagent (Isopropyl alcohol) For Molecular Biology C ₃ H ₈ O MW : 60.1 CAS : 67-63-0 Assay : 69-71% Store below 30°C	MB283-100ML MB283-250ML MB283-500ML	100ml 250ml 500ml
Propidium iodide For Molecular Biology C ₂₇ H ₃₄ I ₂ N ₂ MW : 668.39 CAS : 25535-16-4 Assay : ≥ 94% Store below 30°C	MB139-10MG MB139-25MG	10mg 25mg
Protein A Sepharose For Molecular Biology Store at 2 - 8°C	MB112-500MG MB112-1G	500mg 1gm
Proteinase K, from <i>Tritiracium album</i> (e.g. <i>Pichia pastoris</i> , Recombinant) Recombinant PCR grade For Molecular Biology MW : 28.93 kDa CAS : 39450-01-6 Store at 2 - 8°C	MB086-10MG MB086-100MG MB086-1G	10mg 100mg 1gm
Pyronin Y For Molecular Biology C. I. No. : 45005 C ₁₇ H ₉ ClN ₂ O MW : 302.80 CAS : 92-32-0 Store below 30°C	MB172-5G	5gm
Resorcinol (1,3-Dihydroxybenzene) C ₆ H ₆ O ₂ MW : 110.11 CAS : 108-46-3 Assay : ≥99% Store below 30°C	MB251-25G MB251-100G MB251-500G	25gm 100gm 500gm

* Product will be shipped at 2-8°C

Product	Code	Packing
*RNA (see : Ribonucleic Acid, from Torula Yeast) For Molecular Biology CAS : 63231-63-0 Assay : ≥ 86% Upon receipt store at - 20°C	MB244-10G MB244-25G MB244-100G	10gm 25gm 100gm
RNase A (see: Ribonuclease-A) From Bovine pancreas (DNase free) For Molecular Biology MW ≈ 13700 CAS : 9001-99-4 Activity : ≥ 50 Units/mg E.C.No.:3.1.27.5 protein (Kunitz) Store at -20°C	MB087-100MG MB087-500MG MB087-1G	100mg 500mg 1gm
D-(-)- Ribose For Molecular Biology C ₅ H ₁₀ O ₅ MW : 150.13 CAS : 50-69-1 Assay : ≥ 99% Store at 2 - 8°C	MB247-1G MB247-5G MB247-25G MB247-100G	1gm 5gm 25gm 100gm
Ribonuclease-A (see: RNase A) From Bovine pancreas (DNase free) For Molecular Biology MW ≈ 13700 CAS : 9001-99-4 Activity : ≥ 50 Units/ E.C.No.:3.1.27.5 mg protein (Kunitz) Store at -20°C	MB087-100MG MB087-500MG MB087-1G	100mg 500mg 1gm
*Ribonucleic Acid, from Torula Yeast (see : RNA) For Molecular Biology CAS : 63231-63-0 Assay : ≥ 86% Upon receipt store at - 20°C	MB244-10G MB244-25G MB244-100G	10gm 25gm 100gm
Ribonucleic Acid sodium salt For Molecular Biology CAS : 73049-77-1 Store at 2-8°C	MB245-10G MB245-25G MB245-100G	10gm 25gm 100gm
Rubidium chloride (RbCl) For Molecular Biology CAS : 7791-11-9 MW : 120.92 Assay : ≥ 99.5% Store below 30°C	MB243-5G MB243-25G	5gm 25gm
SDS (see: Dodecyl sulphate sodium salt; Lauryl sulphate sodium salt) For Molecular Biology (Nuclease and Protease free) C ₁₂ H ₂₅ NaO ₄ S MW : 288.38 CAS : 151-21-3 Assay : ≥ 99% Store below 30°C	MB010-25G MB010-100G MB010-500G MB010-1KG	25gm 100gm 500gm 1kg
Saponin (From Plant) For Molecular Biology CAS: 8047-15-2 Store below 30°C	MB162-100G MB162-500G	100gm 500gm

Product	Code	Packing
Sarcosyl For Molecular Biology C ₁₅ H ₂₈ NO ₃ Na MW : 293.38 CAS : 137-16-6 Assay : ≥ 94% Store below 30°C	MB108-5G MB108-25G	5gm 25gm
Silicone (Anti-foaming agent) For Molecular Biology Store below 30°C	MB158-100G MB158-500G	100gm 500gm
Silver nitrate For Molecular Biology AgNO ₃ MW:169.87 CAS : 7761-88-8 Assay : ≥ 99% Store below 30°C	MB156-10G MB156-25G MB156-100G	10gm 25gm 100gm
Sodium acetate anhydrous For Molecular Biology CH ₃ COONa MW : 82.03 CAS : 127-09-3 Assay : ≥ 99% Store below 30°C	MB048-100G MB048-500G	100gm 500gm
Sodium acetate trihydrate For Molecular Biology C ₂ H ₃ O ₂ Na.3H ₂ O MW : 136.08 CAS : 6131-90-4 Assay : ≥ 99% Store below 30°C	MB208-500G	500gm
Sodium alginate For Molecular Biology CAS : 9005-38-3 Store below 30°C	MB114-100G MB114-500G	100gm 500gm
Sodium azide For Molecular Biology NaN ₃ MW : 65.01 CAS : 26628-22-8 Assay : ≥ 98% Store below 30°C	MB075-100G MB075-500G	100gm 500gm
Sodium bicarbonate For Molecular Biology NaHCO ₃ MW : 84.01 CAS : 144-55-8 Assay : ≥ 99.7% Store below 30°C	MB045-100G MB045-500G	100gm 500gm
Sodium cacodylate trihydrate For Molecular Biology C ₂ H ₃ AsO ₄ Na.3H ₂ O MW : 214.03 CAS : 6131-99-3 Assay : ≥ 98% Store below 30°C	MB219-50G	50gm
Sodium carbonate anhydrous (Soda ash) For Molecular Biology Na ₂ CO ₃ MW : 105.99 CAS : 497-19-8 Assay : ≥ 99.9% Store below 30°C	MB253-100G MB253-500G MB253-1KG	100gm 500gm 1kg

* Product will be shipped at 2-8°C

Product	Code	Packing
Sodium chloride For Molecular Biology NaCl MW : 58.44 CAS : 7647-14-5 Assay : ≥99.5% Store below 30°C	MB023-500G MB023-1KG MB023-5KG	500gm 1kg 5kg
Sodium dithionite For Molecular Biology Na ₂ O ₂ S ₂ MW: 174.11 CAS: 7775-14-6 Assay : ≥85% Store below 30°C	MB163-500G	500gm
Sodium hydroxide pellets For Molecular Biology NaOH MW : 40 CAS : 1310-73-2 Assay : ≥98% Store below 30°C	MB095-100G MB095-500G MB095-5KG	100gm 500gm 5kg
Sodium phosphate dibasic anhydrous For Molecular Biology Na ₂ HPO ₄ MW : 141.96 CAS : 7558-79-4 Assay : ≥99% Store below 30°C	MB024-250G	250gm
Sodium phosphate dibasic dihydrate For Molecular Biology Na ₂ HPO ₄ ·2H ₂ O MW : 177.99 CAS : 10028-24-7 Assay : ≥ 99.0% Store below 30°C	MB126-500G MB126-5KG	500gm 5kg
Sodium phosphate monobasic anhydrous For Molecular Biology NaH ₂ PO ₄ MW : 119.98 CAS : 7558-80-7 Assay : ≥ 98% Store below 30°C	MB183-500G	500gm
Sodium phosphate monobasic monohydrate For Molecular Biology NaH ₂ PO ₄ ·H ₂ O MW : 137.99 CAS : 10049-21-5 Assay : ≥99.5% Store below 30°C	MB047-250G	250gm
Sodium sulphate anhydrous For Molecular Biology Na ₂ SO ₄ MW : 142.04 CAS : 7757-82-6 Assay : ≥ 99% Store below 30°C	MB209-1KG	1kg
Sodium sulphite anhydrous For Molecular Biology Na ₂ SO ₃ MW : 126.04 CAS : 7757-83-7 Assay : ≥98% Store below 30°C	MB100-500G	500gm
Sodium thiosulphate anhydrous For Molecular Biology Na ₂ S ₂ O ₃ MW : 158.11 CAS : 7772-98-7 Assay : ≥ 98% Store below 30°C	MB210-500G	500gm

Product	Code	Packing
Sodium thiosulphate pentahydrate For Molecular Biology Na ₂ S ₂ O ₅ ·5H ₂ O MW : 248.18 CAS : 10102-17-7 Assay : ≥99% Store below 30°C	MB155-500G MB155-1KG	500gm 1kg
D(-)-Sorbitol (D-Glucitol) For Molecular Biology C ₆ H ₁₄ O ₆ MW : 182.17 CAS : 50-70-4 Assay : ≥99% Store below 30°C	MB066-500G	500gm
Starch hydrolysed For Molecular Biology (C ₆ H ₁₀ O ₅) _n CAS : 9005-25-8 Store below 30°C	MB127-100G MB127-500G	100gm 500gm
Streptavidin For Molecular Biology CAS : 9013-20-1 Activity (Fibrinogen) : ~14 units/mg protein Store at 2 - 8°C	MB129-5MG	5mg
Sucrose For Molecular Biology C ₁₂ H ₂₂ O ₁₁ MW : 342.3 CAS : 57-50-1 Assay : ≥99.5% Store below 30°C	MB025-500G MB025-5KG	500gm 5kg
Sudan black B C.I.No. : 26150 For Molecular Biology C ₂₈ H ₂₄ N ₆ MW : 456.54 CAS : 4197-25-5 Store below 30°C	MB226-25G	25gm
TEMED (see: N,N,N',N'-Tetramethylethylenediamine) For Molecular Biology C ₆ H ₁₆ N ₂ MW : 116.20 CAS : 110-18-9 Assay : ≥99% Store below 30°C	MB026-100ML	100ml
TES (see: N-[Tris(hydroxymethyl)methyl]-2-aminoethanesulphonic acid) For Molecular Biology C ₆ H ₁₅ NO ₆ S MW : 229.25 CAS : 7365-44-8 Assay : ≥99% Store below 30°C	MB027-100G	100gm
TRIS hydrochloride For Molecular Biology C ₄ H ₁₁ NO ₃ ·HCl MW : 157.6 CAS : 1185-53-1 Assay : ≥99% Store below 30°C	MB030-100G MB030-500G MB030-1KG	100gm 500gm 1kg

Product	Code	Packing
3,3',4,4'-Tetraaminobiphenyl tetrahydrochloride (DAB) For Molecular Biology C ₁₂ H ₁₄ N ₄ ·4HCl MW : 360.11 CAS : 7411-49-6 Assay : ≥ 97% Store at 2 - 8°C	MB121-1G MB121-5G	1gm 5gm
Tetracycline hydrochloride For Molecular Biology C ₂₂ H ₂₄ N ₂ O ₈ ·HCl MW : 480.9 CAS : 64-75-5 Potency : ≥ 900 µg/mg Store at 2 - 8°C	MB178-5G MB178-25G	5gm 25gm
3,3',5,5'-Tetramethylbenzidine (TMB) For Molecular Biology C ₁₆ H ₁₀ N ₂ MW : 240.34 CAS : 54827-17-7 Assay : ≥ 99% Store below 30°C	MB122-1G MB122-5G	1gm 5gm
N,N,N',N'-Tetramethylethylenediamine (see: TEMED) For Molecular Biology C ₆ H ₁₆ N ₄ MW : 116.20 CAS : 110-18-9 Assay : ≥99% Store below 30°C	MB026-100ML	100ml
1H-Tetrazole For Molecular Biology CH ₂ N ₄ MW : 70.05 CAS : 288-94-8 Assay : ≥99% Store below 30°C	MB131-1G MB131-5G	1gm 5gm
Thiazolyl blue (see : MTT; 3-(4,5- Dimethyl-2-thiazolyl)-2,5-diphenyl-2H-tetrazolium bromide) For Molecular Biology C ₁₈ H ₁₆ BrN ₄ S MW : 414.32 CAS : 298-93-1 Assay : ≥ 98% Store at 2 - 8°C	MB186-100MG MB186-500MG MB186-1G	100mg 500mg 1gm
Tricine For Molecular Biology C ₆ H ₁₃ NO ₅ MW : 179.17 CAS : 5704-04-1 Assay : ≥99% Store below 30°C	MB028-100G	100gm
2,3,5 - Triphenyltetrazolium chloride For Molecular Biology C ₁₈ H ₁₅ N ₄ Cl MW : 334.8 CAS : 298-96-4 Assay : ≥ 99% Store below 30°C	MB188-10G MB188-25G	10gm 25gm

Product	Code	Packing
Tris, Free base (Tris[hydroxymethyl]aminomethane) For Molecular Biology (Nuclease and Protease free) C ₄ H ₁₁ NO ₃ MW : 121.14 CAS : 77-86-1 Assay : ≥99% Store below 30°C	MB029-100G MB029-500G MB029-1KG MB029-5KG	100gm 500gm 1kg 5kg
Tris (hydroxymethyl) aminomethane acetate For Molecular Biology C ₈ H ₁₅ NO ₅ MW : 181.19 CAS : 6850-28-8 Assay : ≥ 99% Store below 30°C	MB190-25G MB190-100G	25gm 100gm
N-[Tris(hydroxymethyl)methyl]-2-aminoethanesulphonic acid (see: TES) For Molecular Biology C ₈ H ₁₅ NO ₆ S MW : 229.25 CAS : 7365-44-8 Assay : ≥99% Store below 30°C	MB027-100G	100gm
Triton® X-100 For Molecular Biology C ₃₄ H ₆₂ O ₁₁ MW : 646.87 CAS : 9002-93-1 Store below 30°C	MB031-50ML MB031-100ML MB031-500ML	50ml 100ml 500ml
Tween® 20 For Molecular Biology CAS : 9005-64-5 Store below 30°C	MB067-100ML	100ml
Ultra Resolution Agarose For Molecular Biology CAS : 9012-36-6 Store below 30°C	MB073-25G MB073-125G MB073-250G MB073-500G MB073-1KG	25gm 125gm 250gm 500gm 1kg
Urea For Molecular Biology CH ₄ N ₂ O MW : 60.06 CAS : 57-13-6 Assay : ≥99.5% Store below 30°C	MB032-500G MB032-1KG MB032-5KG	500gm 1kg 5kg
Vitamin B₁₂ For Molecular Biology C ₆₃ H ₈₈ CoN ₁₄ O ₁₄ P MW : 1355.37 CAS : 68-19-9 Assay : ≥97% Store at 2-8°C	MB241-250MG MB241-1G	250mg 1gm
X-Gal (5-Bromo-4-chloro-3-indolyl-β-D-galactopyranoside) For Molecular Biology C ₁₄ H ₁₅ BrClNO ₆ MW : 408.63 CAS : 7240-90-6 Assay : ≥98% Store at 2 - 8°C	MB069-100MG MB069-500MG MB069-1G	100mg 500mg 1gm

Product	Code	Packing
X-Glucuronide CHA Salt (5-Bromo-4-chloro-3-indolyl-β-D-glucuronide cyclohexylammonium salt) For Molecular Biology $C_{20}H_{26}BrClN_2O_7$ MW : 521.79 CAS : 114162-64-0 Assay : ≥98% Store at 2 - 8°C	MB088-100MG MB088-500MG MB088-1G	100mg 500mg 1gm
X-Glucuronide (5-Bromo-4-chloro-3-indolyl-β-D-glucuronide sodium salt) For Molecular Biology $C_{17}H_{12}BrClNaO_7$ MW : 444.59 CAS : 129541-41-9 Assay : ≥98% Store at - 20°C	MB089-100MG MB089-500MG MB089-1G	100mg 500mg 1gm
X-Glucoside (5-Bromo-4-chloro-3-indolyl-β-D-glucopyranoside) $C_{17}H_{15}BrClNO_6$ For Molecular Biology CAS : 15548-60-4 MW : 408.63 Assay : ≥97% Store at 2 - 8°C	MB246-1MG MB246-5MG MB246-10MG	1mg 5mg 10mg

Product	Code	Packing
Xylan from beechwood For Molecular Biology CAS : 9014-63-5 Store below 30°C	MB141-10G	10gm
Xylene mixture of isomers For Molecular Biology C_8H_{10} MW : 106.17 CAS : 1330-20-7 Store below 30°C	MB180-500ML MB180-2.5L	500ml 2.5lt
Zinc chloride For Molecular Biology $ZnCl_2$ MW : 136.3 CAS : 7646-85-7 Assay : ≥98% Store below 30°C	MB046-100G MB046-500G	100gm 500gm
Zinc sulphate heptahydrate For Molecular Biology $ZnSO_4 \cdot 7H_2O$ MW : 287.56 CAS : 7446-20-0 Assay : ≥99.5% Store below 30°C	MB233-500G	500gm






MOLECULAR BIOLOGY GROWTH MEDIA

Salts	mg/litre
Potassium Phosphate, monobasic	1000
Magnesium Sulfate	500
Sodium Chloride	100
Calcium Chloride	100
Vitamins	mg/litre
D-Biotin	0.002
Calcium pantothenate	0.4
Folic Acid	0.002
Inositol	2
Niacin	0.4
PABA	0.2
Pyridoxine, HCl	0.4
Riboflavin	0.2
Thiamine, HCl	0.4
Trace Elements	mg/litre
Boric Acid	0.5
Copper Sulfate	0.04
Potassium Iodide	0.1
Ferric Chloride	0.2
Manganese Sulfate	0.4
Sodium Molybdate	0.2
Zinc Sulfate	0.4
Nitrogen	gms/litre
Ammonium Sulfate	5
Sugar	gms/litre
Dextrose	20
CSM Mixture	mg/litre
Adenine (ADE)	10
L-Arginine HCl (ARG)	50
L-Aspartic Acid (ASP)	80
L-Histidine HCl (HIS)	20
L-Isoleucine (ILE)	50
L-Leucine (LEU)	100
L-Lysine HCl (LYS)	50
L-Methionine (MET)	20
L-Phenylalanine (PHE)	50
L-Threonine (THR)	100
L-Tryptophan (TRP)	50
L-Tyrosine (TYR)	50
Uracil (URA)	20
L-Valine (VAL)	140
Agar	gms/litre 15-17

Yeast Nitrogen Base (YNB)
Dropout Base (DOB)
Synthetic Defined Media (SD)
Synthetic Defined Agar Media (SDA)

- Molecular Biology Growth Media for
 - Escherichia coli*
 - Saccharomyces cerevisiae*
 - Schizosaccharomyces pombe*

Molecular Biology Growth Media for *Escherichia coli*

Product	Code	Packing
Super Growth Medium an extremely rich medium for obtaining high yields of lambda bacteriophage in liquid lysates. Grams/Lit : 60.00 8.33 Lit/500G	G001-500G	500gm
Super Growth Agar an extremely rich medium for obtaining high yields of lambda bacteriophage in liquid lysates. Grams/Lit : 75.00 6.67 Lit/500G	G002-500G	500gm
Super Growth Top Agar an extremely rich medium for obtaining high yields of lambda bacteriophage in liquid lysates. Grams/Lit : 67.00 7.46 Lit/500G	G003-500G	500gm
Terrific Growth Medium for high density growth of <i>E. coli</i> host cells and higher yield of plasmid DNA. Grams/Lit : 47.60 10.5 Lit/500G	G004-500G	500gm
L-Growth Medium for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies. Grams/Lit : 15.50 32.26 Lit/500G	G005-500G	500gm
L-Growth Agar for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies. Grams/Lit : 30.50 16.39 Lit/500G	G006-500G	500gm
L-Growth Top Agar for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies. Grams/Lit : 22.50 22.22 Lit/500G	G007-500G	500gm
LB Growth Medium w/o Sodium chloride used in protein expression systems where Sodium chloride is used to induce protein. Grams/Lit : 15.00 33.33 Lit/500G	G008-500G	500gm
LB Growth Top Agar for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies. Grams/Lit : 32.00 15.63 Lit/500G	G009-500G	500gm
Luria Agar for routine cultivation and estimation of not particularly fastidious microorganisms. Grams/Lit : 35.00 14.29 Lit/500G	M557-500G	500gm
Luria Agar, Granulated for usage and grams per liter refer M557. 	GM557-500G	500gm
Luria HiVeg™ Agar for usage and grams per liter refer M557. 	MV557-500G ☉	500gm
Luria HiCynth™ Agar for usage and grams per liter refer M557. 	MCD557-500G	500gm

Product	Code	Packing
Luria Broth Base, Millers Modification for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> with or without addition of glucose Grams/Lit : 15.50 32.26 Lit/500G	M1725-500G	500gm
Luria Broth Base, Millers Modification, Granulated for usage and grams per liter refer M1725 	GM1725-500G	500gm
Luria Agar Base, Millers Modification for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> with or without addition of glucose ➤ 20% Glucose solution- 10ml per liter Grams/Lit : 30.50 16.39 Lit/500G	M1726-500G	500gm
Luria Agar Base, Millers Modification, Granulated for usage and grams per liter refer M1726 	GM1726-500G	500gm
Luria Bertani Agar, Miller (Miller Luria Bertani Agar) for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies; may be used for routine cultivation and estimation of not particularly fastidious microorganisms. Grams/Lit : 40.00 12.5 Lit/500G	 M1151-500G M1151-1KG M1151-2.5KG	500gm 1kg 2.5kg
Luria Bertani Agar, Miller, Granulated (Miller Luria Bertani Agar, Granulated) for usage and grams per liter refer M1151 	 GM1151-500G	500gm
Luria Bertani HiVeg™ Agar, Miller (Miller Luria Bertani HiVeg™ Agar) for usage and grams per liter refer M1151 	MV1151-500G ☉	500gm
Luria Bertani HiVeg™ Agar, Miller, Granulated (Miller Luria Bertani HiVeg™ Agar, Granulated) for usage and grams per liter refer M1151 	GMV1151-500G ☉	500gm
Luria Bertani HiCynth™ Agar, Miller (Miller Luria Bertani HiCynth™ Agar) for usage and grams per liter refer M1151 	MCD1151-500G	500gm
Luria Bertani Agar, Modified for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies; may be used for routine cultivation and estimation of not particularly fastidious microorganisms. Grams/Lit : 30.00 16.67 Lit/500G	M1151F-500G	500gm
Luria Bertani Agar, Modified, Granulated for usage and grams per liter refer M1151F 	GM1151F-500G	500gm

Product	Code	Packing
Luria Bertani Broth, Miller (Miller Luria Bertani Broth) for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> for genetic and molecular biology studies; may be used for routine cultivation and estimation of not particularly fastidious microorganisms. Grams/Lit : 25.00 20 Lit/500G	MZ M1245-500G M1245-1KG M1245-2.5KG	500gm 1kg 2.5kg
Luria Bertani Broth, Miller, Granulated (Miller Luria Bertani Broth, Granulated) for usage and grams per liter refer M1245	MZ GM1245-500G	500gm
Luria Bertani HiVeg™ Broth, Miller (Miller Luria Bertani HiVeg™ Broth) for usage and grams per liter refer M1245	MV1245-500G	500gm
Luria Bertani HiVeg™ Broth, Miller, Granulated (Miller Luria Bertani HiVeg™ Broth, Granulated) for usage and grams per liter refer M1245	GMV1245-500G	500gm
Luria Bertani HiCynth™ Broth, Miller (Miller Luria Bertani HiCynth™ Broth) for usage and grams per liter refer M1245	MCD1245-500G	500gm
Luria Broth for the cultivation and maintenance of recombinant strains of <i>Escherichia coli</i> . Grams/Lit : 20.00 25 Lit/500G	M575-500G	500gm
Luria Broth, Granulated for usage and grams per liter refer M575	GM575-500G	500gm
Luria HiVeg™ Broth for usage and grams per liter refer M575	MV575-500G	500gm
Luria HiCynth™ Broth for usage and grams per liter refer M575	MCD575-500G	500gm
Tryptone Growth Medium II general purpose media for the growth of <i>Escherichia coli</i> . Grams/Lit : 18.00 27.78 Lit/500G	G010-500G	500gm
Tryptone Growth Agar II general purpose media for the growth of <i>Escherichia coli</i> . Grams/Lit : 33.00 15.15 Lit/500G	G011-500G	500gm
Tryptone Growth Top Agar general purpose media for the growth of <i>Escherichia coli</i> . Grams/Lit : 25.00 20 Lit/500G	G012-500G	500gm
M9 Minimal Medium Salts (5X) for growing E.coli for Molecular Biology purpose Grams/Lit : 56.40 8.87 Lit/500G	G013-500G	500gm
SOB Growth Medium for preparing competent host cells prior to transformation. Grams/Lit : 27.94 17.89 Lit/500G	G014-500G	500gm

Product	Code	Packing
SOC Growth Medium special medium for incubating competent cells immediately after transformation to allow expression of transferred resistance genes before exposing cells to selective conditions. Grams/Lit : 31.54 15.85 Lit/500G	G015-500G	500gm
SOB Growth Agar for preparing competent host cells prior to transformation. Grams/Lit : 42.94 11.64 Lit/500G	G016-500G	500gm
NZCYM Growth Medium media for Lambda and filamentous phage Grams/Lit : 21.98 22.75 Lit/500G	G017-500G	500gm
NZCYM HiVeg™ Growth Medium for usage and grams per liter refer G017	GV017-500G	500gm
NZCYM Growth Agar media for Lambda and filamentous phage Grams/Lit : 36.98 13.52 Lit/500G	G018-500G	500gm
NZCYM Growth Top Agar media for Lambda and filamentous phage Grams/Lit : 28.98 17.25 Lit/500G	G019-500G	500gm
NZYM Growth Medium media for Lambda and filamentous phage Grams/Lit : 20.98 23.83 Lit/500G	G020-500G	500gm
NZYM Growth Agar media for Lambda and filamentous phage Grams/Lit : 35.98 13.89 Lit/500G	G021-500G	500gm
NZYM Growth Top Agar media for Lambda and filamentous phage Grams/Lit : 27.98 17.87 Lit/500G	G022-500G	500gm
NZM Growth Medium media for Lambda and filamentous phage Grams/Lit : 15.98 31.29 Lit/500G	G023-500G	500gm
NZM Growth Agar media for Lambda and filamentous phage Grams/Lit : 28.98 17.25 Lit/500G	G024-500G	500gm
NZM Growth Top Agar media for Lambda and filamentous phage Grams/Lit : 22.98 21.76 Lit/500G	G025-500G	500gm
NZYDT Growth Medium media for Lambda and filamentous phage Grams/Lit : 20.53 24.35 Lit/500G	G026-500G	500gm
NZYDT Growth Agar media for Lambda and filamentous phage Grams/Lit : 35.53 14.07 Lit/500G	G027-500G	500gm
NZY (Harvard) Growth Medium media for Lambda and filamentous phage Grams/Lit : 23.00 21.74 Lit/500G	G028-500G	500gm
NZY (Harvard) Growth Agar media for Lambda and filamentous phage Grams/Lit : 38.00 13.16 Lit/500G	G029-500G	500gm

Product	Code	Packing
LB Growth Agar For Lambda media for Lambda phage Grams/Lit : 40.97 12.2 Lit/500G	G030-500G	500gm
YT Growth Medium optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 18.00 27.78 Lit/500G	G031-500G	500gm
YT Growth Agar optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 33.00 15.15 Lit/500G	G032-500G	500gm
YT Growth Top Agar optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 25.00 20 Lit/500G	G033-500G	500gm
2XYT Growth Medium optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 31.00 16.13 Lit/500G	G034-500G	500gm

Product	Code	Packing
2XYT Growth Medium, Granulated optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 31.00 16.13 Lit/500G	GMG034-500G	500gm
2XYT Growth Agar optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 46.00 10.87 Lit/500G	G035-500G	500gm
2XYT Growth Top Agar optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 38.00 13.16 Lit/500G	G036-500G	500gm
4XYT Growth Medium optimized formulation for the growth and maintenance of M13 phage or other filamentous ss DNA bacteriophages. Grams/Lit : 57.00 8.77 Lit/500G	G151-500G	500gm

Molecular Biology Growth Media for *Saccharomyces cerevisiae* and *Schizosaccharomyces pombe*

YPD (YEPD) Growth Medium for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 50.00 10 Lit/500G	G037-500G	500gm
YPD (YEPD) Growth Agar for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 65.00 7.69 Lit/500G	G038-500G	500gm
YEP Growth Medium used as a base for making variation with an alternate carbon source, for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 30.00 16.67 Lit/500G	G039-500G	500gm
YEP Growth Agar used as a base for making variation with an alternate carbon source, for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 45.00 11.11 Lit/500G	G040-500G	500gm
Presporulation Growth Medium for the growth and sporulation of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 31.00 16.13 Lit/500G	G041-500G	500gm
Sporulation Growth Agar for the growth and sporulation of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 36.00 13.89 Lit/500G	G042-500G	500gm
Minimal Sporulation Growth Agar for the growth and sporulation of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 25.00 20 Lit/500G	G043-500G	500gm
Semisporulation Growth Agar for the growth and sporulation of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 20.50 24.39 Lit/500G	G044-500G	500gm

YE Growth Medium for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 35.00 14.29 Lit/500G	G045-500G	500gm
YE Growth Agar for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 50.00 10 Lit/500G	G046-500G	500gm
YES Growth Medium for the vegetative growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 35.25 14.18 Lit/500G	G047-500G	500gm
YES Growth Agar for the vegetative growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 50.25 9.95 Lit/500G	G048-500G	500gm
ME Growth Medium for the conjugation and sporulation of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 30.20 16.56 Lit/500G	G049-500G	500gm
ME Growth Agar for the conjugation and sporulation of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 45.20 11.06 Lit/500G	G050-500G	500gm
EMM Growth Medium minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 32.32 15.47 Lit/500G	G051-500G	500gm
EMM Growth Agar minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 47.32 10.57 Lit/500G	G052-500G	500gm

Product	Code	Packing
EMM Growth Medium without Dextrose minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 12.35 40.49 Lit/500G	G053-500G	500gm
EMM Growth Medium without Phosphate minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 30.00 16.67 Lit/500G	G054-500G	500gm
EMM Growth Medium without Nitrogen minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 27.32 18.3 Lit/500G	G055-500G	500gm
EMM Growth Medium with Sorbitol minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 228.35 2.19 Lit/500G	G056-500G	500gm
EMM Growth Medium with Low Dextrose minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 17.20 29.07 Lit/500G	G057-500G	500gm
EMM Growth Agar with Low Dextrose minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 32.20 15.53 Lit/500G	G058-500G	500gm
MB Growth Medium minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 12.00 41.67 Lit/500G	G059-500G	500gm
MMA Growth Agar minimal defined media for the growth of <i>Schizosaccharomyces pombe</i> . Grams/Lit : 31.72 15.76 Lit/500G	G060-500G	500gm
YEPG Growth Medium for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 30.00+ 16.67 Lit/500G 38 ml Glycerol ◀	G061-500G	500gm

Synthetic Defined Media

(SD= 1.7g/l YNB+ 5g/l Ammonium sulphate+ 20g/l Dextrose+ appropriate CSM- based amino acid mixture) (SDA= SD+ Agar)

*SD Growth Medium synthetic defined media for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 27.49 3.64 Lit/100G	G062-100G	100gm
*SDA Growth Medium synthetic defined agar media for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 42.49 2.35 Lit/100G	G063-100G	100gm

Single Dropout Formulation (Powder)

*SD Growth Medium w/o HIS for usage refer G062. Grams/Lit : 27.47	G064-10X0.5L	10X0.5lt
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Product	Code	Packing
*SD Growth Medium w/o LEU for usage refer G062. Grams/Lit : 27.39	G065-10X0.5L G065-10X1L	10X0.5lt 10X1lt
*SD Growth Medium w/o TRP for usage refer G062. Grams/Lit : 27.44	G066-10X0.5L G066-10X1L	10X0.5lt 10X1lt
*SD Growth Medium w/o URA for usage refer G062. Grams/Lit : 27.47	G067-10X0.5L G067-10X1L	10X0.5lt 10X1lt

Double Dropout Formulation (Powder)

*SD Growth Medium w/o LEU-TRP for usage refer G062. Grams/Lit : 27.34	G068-10X0.5L G068-10X1L	10X0.5lt 10X1lt
*SD Growth Medium w/o LEU-URA for usage refer G062. Grams/Lit : 27.37	G069-10X0.5L	10X0.5lt

Triple Dropout Formulation (Powder)

*SD Growth Medium w/o HIS-LEU-TRP for usage refer G062. Grams/Lit : 27.32	G070-10X0.5L G070-10X1L	10X0.5lt 10X1lt
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4+ Dropout Formulation (Powder)

*SD Growth Medium w/o ADE- HIS-LEU-TRP for usage refer G062. Grams/Lit : 27.31	G071-10X0.5L G071-10X1L	10X0.5lt 10X1lt
*SD Growth Medium w/o HIS-LEU-TRP-URA for usage refer G062. Grams/Lit : 27.30	G072-10X0.5L G072-10X1L	10X0.5lt 10X1lt

SDA- Single Dropout Formulation (Powder)

*SDA Growth Medium w/o LEU for usage refer G063. Grams/Lit : 42.39	G073-10X0.5L G073-10X1L	10X0.5lt 10X1lt
*SDA Growth Medium w/o TRP for usage refer G063. Grams/Lit : 42.44	G074-10X0.5L G074-10X1L	10X0.5lt 10X1lt
*SDA Growth Medium w/o URA for usage refer G063. Grams/Lit : 42.47	G075-10X0.5L G075-10X1L	10X0.5lt 10X1lt

SDA- Double Dropout Formulation (Powder)

*SDA Growth Medium w/o HIS-URA for usage refer G063. Grams/Lit : 42.45	G076-10X1L	10X1lt
*SDA Growth Medium w/o LEU-TRP for usage refer G063. Grams/Lit : 42.34	G077-10X1L	10X1lt

Product	Code	Packing
SDA- Triple Dropout Formulation (Powder)		
*SDA Growth Medium w/o HIS-LEU-TRP for usage refer G063. Grams/Lit : 42.32	G078-10X0.5L G078-10X1L	10X0.5lit 10X1lit
*SDA Growth Medium w/o LEU-TRP-URA for usage refer G063. Grams/Lit : 42.32	G079-10X1L	10X1lit

SDA- 4+ Dropout Formulation (Powder)		
*SDA Growth Medium w/o ADE- HIS-LEU-TRP for usage refer G063. Grams/Lit : 42.31	G080-10X0.5L	10X0.5lit
*SDA Growth Medium w/o HIS-LEU-TRP-URA for usage refer G063. Grams/Lit : 42.30	G081-10X0.5L G081-10X1L	10X0.5lit 10X1lit

DOB (Dropout Base) Medium/ DOBA (Dropout Based Agar) Medium		
(DOB= YNB+ Ammonium sulphate+ Carbohydrate) (DOBA= DOB+ Agar)		
DOB Growth Medium for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 26.70 18.73 Lit/500G	G082-100G G082-500G	100gm 500gm
DOBA Growth Medium for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 41.70 11.99 Lit/500G	G083-500G	500gm
DOB Growth Medium with 2% Galactose (Glucose free) for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 26.70 18.73 Lit/500G	G084-500G	500gm
DOBA Growth Medium with 2% Galactose (Glucose free) for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 41.70 11.99 Lit/500G	G085-500G	500gm
DOB Growth Medium with Succinate for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 40.00 12.5 Lit/500G	G086-250G G086-500G	250gm 500gm
DOB Growth Medium with 2% Raffinose (Glucose free) for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 26.70 18.73 Lit/500G	G087-250G G087-500G	250gm 500gm
DOB Growth Medium with 2% Galactose and 1% Raffinose for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 36.70 13.62 Lit/500G	G088-250G G088-500G	250gm 500gm
DOBA Growth Medium with 2% Galactose and 1% Raffinose for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 51.70 9.67 Lit/500G	G089-250G G089-500G	250gm 500gm

Product	Code	Packing
YNB (Yeast Nitrogen Base) Formulation		
Yeast Nitrogen Base (YNB) w/o Ammonium sulphate for the growth of all strains of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 1.70 58.82 Lit/100G	G090-100G	100gm
Yeast Nitrogen Base (YNB) w/ Ammonium sulphate for the growth of all strains of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 6.70 14.93 Lit/100G	G091-100G	100gm

YNB (Yeast Nitrogen Base) Variations		
[for the preparation of SD/SDA- add a carbon source, appropriate amino acids and agar (in case of SDA)]		
Yeast Nitrogen Base (YNB) w/o Ammonium sulphate, w/o Copper sulphate, w/o Ferric chloride for usage refer G090. Grams/Lit : 1.70 58.82 Lit/100G	G092-100G	100gm
Yeast Nitrogen Base (YNB) w/ Ammonium sulphate, w/o Inositol for usage refer G091. Grams/Lit : 6.70 14.93 Lit/100G	G093-100G	100gm
Yeast Nitrogen Base (YNB) w/ Ammonium sulphate, w/o Phosphates, w/o Sodium chloride for usage refer G091. Grams/Lit : 5.60 17.86 Lit/100G	G094-100G	100gm
Yeast Nitrogen Base (YNB) w/o Ammonium sulphate, w/o Potassium phosphate for usage refer G090. Grams/Lit : 0.70 142.86 Lit/100G	G095-100G	100gm
Yeast Nitrogen Base (YNB) w/o Ammonium sulphate, w/o Folic acid, w/o Riboflavin for usage refer G090. Grams/Lit : 1.70 58.82 Lit/100G	G096-100G	100gm
Yeast Nitrogen Base (YNB) w/ Ammonium sulphate, w/o Vitamins for usage refer G091. Grams/Lit : 6.70 14.93 Lit/100G	G097-100G	100gm
Yeast Nitrogen Base (YNB) w/ Ammonium sulphate, w/o Thiamine HCl for usage refer G091. Grams/Lit : 6.70 14.93 Lit/100G	G098-100G	100gm
Yeast Nitrogen Base (YNB) Trace Elements for the growth of all strains of <i>Saccharomyces cerevisiae</i> . Mg/Lit : 1.84 mg 54347.83 Lit/100G	G099-100G	100gm
Complete Supplement Mixture (CSM) as a dropout supplement for all strains of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 790 mg 126.58 Lit/100G	G100-10G G100-100G	10gm 100gm

Product	Code	Packing
Brent Supplement Mixture (BSM) use with the addition in DOB or DOBA and carbon source for the growth of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 1.55 16.13 Lit/25G	G101-25G	25gm
Synthetic Complete Supplement Mixture (SC) as an amino acid supplement for all strains of <i>Saccharomyces cerevisiae</i> . Grams/Lit : 2.00 15.00 Lit/30G	G102-30G	30gm

SC- Single Dropout Formulations

SC (Synthetic Complete Supplement Mixture) is used in the preparation of SD or SDA

Synthetic Complete Supplement Mixture (SC) w/o HIS for usage refer G102. Grams/Lit : 1.91 52.36 Lit/100G	G152-10G G152-100G	10gm 100gm
Synthetic Complete Supplement Mixture (SC) w/o LEU for usage refer G102 Grams/Lit : 1.83 54.64 Lit/100G	G153-10G G153-100G	10gm 100gm
Synthetic Complete Supplement Mixture (SC) w/o TRP for usage refer G102 Grams/Lit : 1.91 52.36 Lit/100G	G154-10G G154-100G	10gm 100gm
Synthetic Complete Supplement Mixture (SC) w/o URA for usage refer G102 Grams/Lit : 1.91 52.36 Lit/100G	G155-10G G155-100G	10gm 100gm

CSM- Single Dropout Formulations

CSM (Complete Supplement Mixture) is used in the preparation of SD or SDA

Complete Supplement Mixture w/o ADE for usage refer G100. Grams/Lit : 780 mg 128.21 Lit/100G	G103-10G G103-100G	10gm 100gm
Complete Supplement Mixture w/o ARG for usage refer G100. Grams/Lit : 740 mg 135.14 Lit/100G	G104-10G G104-100G	10gm 100gm
Complete Supplement Mixture w/o HIS for usage refer G100. Grams/Lit : 770 mg 129.87 Lit/100G	G105-10G G105-100G	10gm 100gm
Complete Supplement Mixture w/o LEU for usage refer G100. Grams/Lit : 690 mg 144.93 Lit/100G	G106-10G G106-100G	10gm 100gm
Complete Supplement Mixture w/o LEU, w/ 40 mg/l ADE for usage refer G100. Grams/Lit : 720 mg 138.89 Lit/100G	G107-100G	100gm
Complete Supplement Mixture w/o LYS for usage refer G100. Grams/Lit : 740 mg 135.14 Lit/100G	G108-10G G108-100G	10gm 100gm
Complete Supplement Mixture w/o MET for usage refer G100. Grams/Lit : 770 mg 129.87 Lit/100G	G109-10G G109-100G	10gm 100gm

Product	Code	Packing
Complete Supplement Mixture w/o TRP for usage refer G100. Grams/Lit : 740 mg 135.14 Lit/100G	G110-10G G110-100G	10gm 100gm
Complete Supplement Mixture w/o TRP, w/ 20 mg/l ADE for usage refer G100. Grams/Lit : 750 mg 133.33 Lit/100G	G111-100G	100gm
Complete Supplement Mixture w/o URA for usage refer G100. Grams/Lit : 770 mg 129.87 Lit/100G	G112-10G G112-100G	10gm 100gm
Complete Supplement Mixture w/o URA, w/ 20 mg/l ADE for usage refer G100. Grams/Lit : 780 mg 128.21 Lit/100G	G113-100G	100gm
Complete Supplement Mixture w/o URA, w/ 40 mg/l ADE for usage refer G100. Grams/Lit : 800 mg 125 Lit/100G	G114-100G	100gm

CSM- Double Dropout Formulations

CSM (Complete Supplement Mixture) is used in the preparation of SD or SDA

Complete Supplement Mixture w/o LEU-TRP for usage refer G100. Grams/Lit : 640 mg 156.25 Lit/100G	G115-10G G115-100G	10gm 100gm
Complete Supplement Mixture w/o HIS-TRP for usage refer G100. Grams/Lit : 720 mg 138.89 Lit/100G	G116-10G G116-100G	10gm 100gm
Complete Supplement Mixture w/o LEU-URA for usage refer G100. Grams/Lit : 670 mg 149.25 Lit/100G	G117-10G G117-100G	10gm 100gm
Complete Supplement Mixture w/o LEU-URA w/ 40 mg/l ADE for usage refer G100. Grams/Lit : 700 mg 142.86 Lit/100G	G118-10G G118-100G	10gm 100gm
Complete Supplement Mixture w/o HIS-URA for usage refer G100. Grams/Lit : 750 mg 133.33 Lit/100G	G119-10G G119-100G	10gm 100gm
Complete Supplement Mixture w/o HIS-LEU for usage refer G100. Grams/Lit : 670 mg 149.25 Lit/100G	G120-10G G120-100G	10gm 100gm
Complete Supplement Mixture w/o TRP-URA for usage refer G100. Grams/Lit : 720 mg 138.89 Lit/100G	G121-10G G121-100G	10gm 100gm
Complete Supplement Mixture w/o MET-URA for usage refer G100. Grams/Lit : 750 mg 133.33 Lit/100G	G122-10G G122-100G	10gm 100gm

Product	Code	Packing
Complete Supplement Mixture w/o ADE-LEU for usage refer G100. Grams/Lit : 680 mg 147.06 Lit/100G	G123-10G G123-100G	10gm 100gm
Complete Supplement Mixture w/o ARG-URA for usage refer G100. Grams/Lit : 720 mg 138.89 Lit/100G	G124-10G G124-100G	10gm 100gm

Product	Code	Packing
Complete Supplement Mixture w/o ARG-HIS for usage refer G100. Grams/Lit : 720 mg 138.89 Lit/100G	G148-10G G148-100G	10gm 100gm

Resins For Affinity Based Protein Purification



Resins for IgG Protein Purification

- DS0817 - Protein A Agarose
- DS0820 - Protein L Agarose
- DS0818 - Protein G agarose

Resins for Bacterial Protein Purification

- DS0819 - Glutathione Agarose Resin
- DS0821 - Ni-NTA Agarose Resin

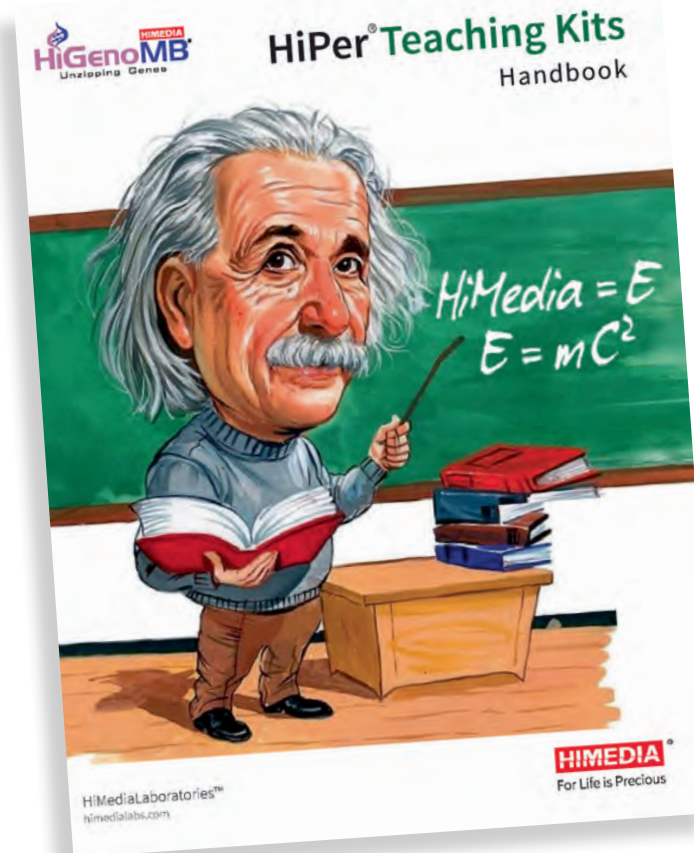
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HTBM002-20PR 20pr*

Contents: Control DNA, *E. coli* cells (with plasmid), Solutions (Lysis, Wash, Elution etc.), Agarose, Columns, LB Broth, Agar powder, Tubes, 50X TAE, Ampicillin, Gel Loading Buffer

HiPer® Plasmid DNA Extraction Teaching Kit (Solution Based) HTBM003-20PR 20pr*

Contents: Control DNA, *E. coli* cells (with plasmid), Agarose, Solutions (Lysis, Wash, Elution etc.), LB Broth, Agar powder, Tubes, 50X TAE, Ampicillin, Gel Loading Buffer

HiPer® Plant Genomic DNA Extraction Teaching Kit (Column Based) HTBM004-10PR 10pr*

Contents: Control DNA, Solutions (Lysis, Wash, Binding, Elution etc.), Agarose, Columns, Shredder, Tubes, 50X TAE, RNase A Solution, Loading Buffer

HiPer® Plant Genomic DNA Extraction Teaching Kit (Solution Based) HTBM005-10PR 10pr*

Contents: Control DNA, CTAB Powder, Extraction and Wash Buffer, Agarose, 50X TAE, Tubes, RNase A Solution, Gel Loading Buffer

Product	Code	Packing
HiPer® Blood Genomic DNA Extraction Teaching Kit (Column Based) Contents: Control DNA, Solutions (Lysis, Wash, Elution etc.), Proteinase K solution, RNase A Solution, Agarose, 50X TAE, Gel Loading Buffer, Columns, Tubes	HTBM006-10PR HTBM006-20PR	10pr* 20pr*
HiPer® Blood Genomic DNA Extraction Teaching Kit (Solution Based) Contents: Control DNA, RBC and WBC Lysis Buffer, Precipitation and Elution Buffer, RNase A Solution, Isopropanol, Agarose, Gel Loading Buffer, 50X TAE, Tubes	HTBM007-10PR HTBM007-20PR	10pr* 20pr*
HiPer® Bacterial Genomic DNA Extraction Teaching Kit (Column Based) Contents: Control DNA, Bacterial Cell Pellets, Solutions (Lysis, Wash, Elution), Proteinase K Solution, RNase A Solution, Columns, Tubes, Agarose, 50X TAE, Gel Loading Buffer	HTBM008-10PR	10pr*
HiPer® Bacterial Genomic DNA Extraction Teaching Kit (Solution Based) Contents: Control DNA, Bacterial Cell Pellets, Solutions (Lysis, Wash, Elution), Proteinase K Solution, RNase A Solution, Tubes, Agarose, 50X TAE, Gel Loading Buffer	HTBM009-10PR	10pr*
HiPer® Gel Extraction Teaching Kit (Column Based) Contents: Control DNA, Sample DNA, Gel Bind Buffer, Gel Wash Buffer, Elution Buffer, Columns, Tubes, Agarose, 50X TAE, Gel Loading Buffer	HTBM010-10PR	10pr*
HiPer® Gel Extraction Teaching Kit (Solution Based) Contents: Control DNA, Sample DNA, Glass Powder Suspension, Chaotropic Salt solution, Elution Buffer, Tubes, Agarose, 50X TAE, Gel Loading Buffer	HTBM011-10PR	10pr*
HiPer® Total RNA Extraction Teaching Kit Contents: RNA X-Press™ Reagent, Isopropyl alcohol, RNase free water, RNA Gel Loading Buffer, 10X MOPS Electrophoresis Buffer, Formaldehyde, Agarose, Tubes	HTBM012-10PR	10pr*
HiPer® Yeast Genomic DNA Extraction Teaching Kit Contents: Control DNA, Yeast cells, Sorbitol Buffer, Solutions (Lysis, Wash, Elution), Enzyme Solution, RNase A Solution, Proteinase K solution, YPD, Columns, Tubes, Agarose, 50X TAE Gel Loading Buffer	HTBM013-10PR	10pr*
HiPer® DNA Molecular Size Determination Teaching Kit Contents: Agarose, 50X TAE, Test Samples, 1 kb DNA Ladder	HTBM014-10PR	10pr*
HiPer® Restriction Digestion Teaching Kit Contents: Lambda DNA, DNA Marker, Agarose, Enzyme EcoR I, Enzyme Hind III, 10X Assay Buffers, MB Grade Water, 50X TAE, Tubes, Gel Loading Buffer	HTBM015-10PR	10pr*
HiPer® PCR Teaching Kit Contents: 10X Assay Buffer, Control PCR Product, 2.5 mM dNTP mix, 1 kb DNA ladder, primers, Taq polymerase, Template DNA, MB Grade Water, MgCl ₂ , Agarose, 50X TAE, Gel Loading Buffer, Mineral Oil, PCR Tubes.	HTBM016-10PR	10pr*

Product	Code	Packing
HiPer® Transformation Teaching Kit Contents: Ampicillin, LB Broth, Agar powder, <i>E. coli</i> strain, Plasmid DNA, 1M CaCl ₂ solution, Tubes, X-Gal, IPTG.	HTBM017-10PR	10pr*
HiPer® Bacterial Gene Expression Teaching Kit Contents: <i>E. coli</i> strain, Ampicillin, IPTG, Cell lysis buffer, Acrylamide, Tris Solutions, APS, TEMED, Sample Loading Buffer, Gel Running Buffer, Staining and Destaining solutions, Protein Marker, LB Broth, Agar powder, Tubes.	HTBM018-5PR	5pr*
HiPer® Ligation Teaching Kit Contents: Digested Lambda DNA, Ligase Assay Buffer, T4 DNA Ligase, Gel Loading Buffer, Agarose, 50X TAE, Tubes	HTBM019-5PR HTBM019-20PR	5pr* 20pr*
HiPer® Restriction Mapping Teaching Kit Contents: Plasmid DNA, Enzyme EcoR I, Enzyme Hind III, 10X Assay Buffer, 1 kb DNA ladder, Gel Loading Buffer, MB Grade water, 50X TAE, Agarose, Tubes.	HTBM021-5PR HTBM021-20PR	5pr* 20pr*
HiPer® Plasmid DNA Cloning Teaching Kit Contents: Control Plasmid DNA, <i>E. coli</i> (Host), Vector, Insert, T4 DNA ligase, Assay Buffer, 1M CaCl ₂ , LB Broth, Agar powder, Ampicillin, Tubes	HTBM022-5PR	5pr*
HiPer® Multiplex PCR Teaching Kit Contents: 10X Assay Buffer, 2.5 mM dNTP mix, 100bp DNA ladder, primers, Taq polymerase, Template DNA, MB Grade Water, MgCl ₂ , Agarose, 50X TAE, Gel Loading Buffer, Mineral Oil, PCR Tubes	HTBM023-5PR	5pr*
HiPer® RT-PCR Teaching Kit Contents: Total RNA, 10X solution, 10X Assay Buffer, RT Buffer, MB Grade Water, MgCl ₂ , dNTP Mix, MMuLV Reverse Transcriptase, Agarose, 50X TAE, Gel Loading Buffer, Primers, DNA Ladder, Taq Polymerase, Tubes.	HTBM024-5PR	5pr*
HiPer® Yeast Transformation Teaching Kit Contents: Yeast cells, YT Buffer, PEG solution, MB Grade Water, YPD Broth, SD Growth Medium w/o LEU, Agar, Carrier DNA, Plasmid DNA, Tubes.	HTBM025-10PR	10pr*
HiPer® Restriction Fragment Length Polymorphism (RFLP) Teaching Kit Contents: Reference and Test Samples, 1 kb DNA Ladder, Enzyme EcoR I, Enzyme Pst I, Assay Buffer, MB Grade Water, 50X TAE, Agarose, Gel Loading Buffer, Tubes	HTBM026-5PR HTBM026-25PR	5pr* 25pr*
HiPer® Southern Blotting Teaching Kit Contents: DNA sample, Prehybridization and Hybridization Buffer, Biotinylated Probe, Wash Buffers, Blocking Buffer and Powder, Streptavidin-HRP Conjugate, Tween® 20, Agarose, 10X TBE, Transfer Buffer, Nylon Membrane with Filter Paper, Disposable Petriplate	HTBM027-5PR	5pr*
HiPer® Northern Blotting Teaching Kit Contents: RNA sample, Prehybridization and Hybridization Buffer, Biotinylated Probe, Wash Buffers, Blocking Buffer and Powder, Transfer Buffer, Streptavidin-HRP Conjugate, Tween® 20, Agarose, Electrophoresis Buffer, Nylon Membrane with Filter Paper, Wicks, Disposable Petriplate, Blotting sheets	HTBM028-5PR	5pr*

Product	Code	Packing
HiPer® PCR Mediated Site Directed Mutagenesis Teaching Kit Template DNA, DpnI Enzyme, XL1-Blue Strain, 10X Hi-Buffer, Hi-Proof DNA polymerase, dNTP mix, Forward Primer, Reverse Primer, Molecular biology grade water, X-Gal, IPTG, Luria Bertani (LB) Broth, SOB, TFB I, TFB II, SOC, Agar Powder, Bacteriological, Agarose, 6X Gel loading dye, Collection Tubes, Polypropylene (2.0 ml), Ampicillin, Polypropylene tubes, 0.2 ml (PCR Tubes), 50X TAE, 1 kb DNA Ladder RELAUNCHING	HTBM029-5PR HTBM029-20PR	5pr* 20pr*
The XL1-Blue competent cells transformed with control plasmid appears in white colonies when there is no mutation and blue colonies are the nicked vector DNA containing desired mutation.		
HiPer® PCR Application Teaching Kit Contents: Taq DNA polymerase, Primer mix, Test samples, Control PCR product, 100 bp DNA Ladder, Assay Buffer with 25mM MgCl ₂ and 2.5mM dNTP mix, Agarose, 50X TAE, Gel Loading Buffer, Tubes.	HTBM030-5PR HTBM030-20PR	5pr* 20pr*
HiPer® Random Amplification of Polymorphic DNA (RAPD) Teaching Kit Contents: Reference and Test Samples, DNA Ladder, Random primer, Assay Buffer, MB Grade Water, 50X TAE, Agarose, Loading Dye, PCR Tubes, dNTP mix, Taq polymerase.	HTBM031-5PR	5pr*
HiPer® Real-time PCR Teaching Kit Contents: SYBr Master Mix, Primer Mix, Molecular Biology Grade Water for RT-PCR, Template DNA, PCR Tubes.	HTBM032-10PR	10pr*
HiPer® InstaDNA™ Teaching Kit Contents: InstaDNA™ Card, Blood lancet, 10X Assay Buffer, Control PCR Product, 2.5 mM dNTP mix, 100 bp DNA ladder, primers, Taq polymerase, MB Grade Water, MgCl ₂ , Agarose, 50X TAE, Gel Loading Buffer, Mineral Oil, PCR Tubes.	HTBM033-5PR	5pr*
HiPer® Single Nucleotide Polymorphism (SNP) Teaching Kit Contents: 2X PCR Master Mix, SNP DNA, Normal DNA, Primer Mix for SNP, 50bp DNA Ladder, MB Grade water, Agarose, 50X TAE, Gel Loading Buffer, PCR Tubes.	HTBM034-10PR	10pr*
HiPer® GMO Detection Teaching Kit Contents: 2X PCR Master Mix, Template DNA 1 & 2, Primer Mix 1 & 2, 50bp DNA Ladder, MB Grade Water, Agarose, 50X TAE, Gel Loading Buffer, PCR Tubes.	HTBM035-5PR	5pr*
HiPer® Cloning Teaching Kit (Blue-White selection) Contents: Ampicillin, LB broth, LB agar, <i>E. coli</i> host, vector, insert, control plasmids, 10X ligase assay buffer, T ₄ DNA ligase, 1M Calcium chloride, collection tubes, polypropylene (2.0ml), polypropylene tube (0.2 ml), X-Gal, IPTG.	HTBM036-5PR	5pr*

Product	Code	Packing
HiPer® Plasmid Curing Teaching Kit Contents: Ampicillin, <i>E. coli</i> Host, Luria Bertani (LB) Broth, Luria Bertani Agar, Ethidium bromide solution (10 mg/ml), Sodium chloride, Screw cap tubes with 'O' Ring	HTBM037-10PR	10pr*
HiPer® Multi-Sample DNA Purification Teaching Kit (Column Based) New Contents: Control DNA, <i>E. coli</i> culture, <i>Staphylococcus aureus</i> , Gram Positive Lysis Solution (GPLA), Lysis Solution (C1), Resuspension Buffer (MS), Lysozyme, Prewash Solution Concentrate (PW), Wash Solution Concentrate (WS), Elution Buffer (ET) [10mM Tris-Cl, pH 8.5], Proteinase K Solution, RNase A Solution, HiElute Miniprep Spin Column (Capped) [in DBCA016 Collection Tube], Collection Tubes (Uncapped), Polypropylene (2.0 ml) , Collection Tube, Polypropylene (2.0 ml), Agarose, 50 X TAE, LB broth and Agar, Gel Loading Buffer	HTBM038-10PR	10pr*
HiPer® Relative Quantification Teaching Kit New Contents: Hi-SYBr Master Mix, Target gene Primer Mix, Reference gene (Housekeeping) Primer Mix, Treated DNA 1, 2, 3 and 4, Untreated DNA , Molecular Biology Grade Water for PCR, Polypropylene Tubes, 0.2 ml (PCR Tubes) and Polypropylene Tubes, 0.5 ml (PCR Tubes)	HTBM039-10PR	10pr*
HiPer® Absolute Quantification Teaching Kit New Contents: Hi-SYBr Master Mix, Target gene Primer Mix, Standard DNA 1, 2, 3 and 4, Unknown DNA, Molecular Biology Grade Water for PCR, Polypropylene Tubes, 0.2 ml (PCR Tubes) and Polypropylene Tubes, 0.5 ml (PCR Tubes)	HTBM040-10PR	10pr*
HiPer® PCR Product Purification Teaching Kit New PCR Binding Solution (SPB), Wash Solution Concentrate (HPE), Elution Buffer (ET) [10 mM Tris-Cl, pH 8.5], HiElute Miniprep Spin Column (Capped) [in DBCA016 Collection Tube], Collection Tube (Uncapped) , Polypropylene (2.0 ml), Collection Tube, Polypropylene (2.0 ml), Agarose, 50X TAE, 6X Gel Loading Buffer, PCR product and 1kb DNA Ladder	HTBM041-10PR	10pr*
HiPer® Bacterial RNA Extraction Teaching Kit (Column Based) New Lysozyme, RNA Lysis Solution (HRL), Prewash Solution (RW1), Wash Solution Concentrate (WS), Elution Solution (RNase- Free Water), HiElute Miniprep Spin Column (Capped) [in DBCA016 Collection Tube] , HiShredder (in DBCA016 Collection Tube), Collection Tube (Uncapped), Polypropylene (2.0 ml) , Collection Tube, Polypropylene (2.0 ml) , 5X RNA Loading Buffer, 10X MOPS Electrophoresis Buffer and Agarose	HTBM042-10PR	10pr*
HiPer® Nested PCR Teaching Kit New 2X PCR TaqMixture, Primer Mix for <i>Plasmodium</i> spp, Primer Mix for <i>Plasmodium falciparum</i> , Primer Mix for <i>Plasmodium vivax</i> , Molecular Biology Grade Water for PCR, 6X Gel Loading Buffer, 50 bp DNA Ladder, Template DNA, Agarose, 50X TAE, Polypropylene Tubes, 0.2 ml (PCR Tubes)	HTBM043-10PR	10pr*

Product	Code	Packing
HiPer® Microbiology Teaching Kits		
HiPer® Bacterial Growth Curve Teaching Kit Contents: <i>E. coli</i> culture, LB Broth, Agar Powder	HTM001-10PR	10pr*
HiPer® Antibiotic Sensitivity Teaching Kit Contents: Cultures (<i>E. coli</i> , <i>S. aureus</i> , <i>P. aeruginosa</i>), Antibiotic discs (Chloramphenicol, Tetracycline, Kanamycin, Gentamycin, Vancomycin), Cotton swabs, Mueller Hinton Agar, Saline, Applicator	HTM002-15PR	15pr*
HiPer® Phage Titration Teaching Kit Contents: <i>E. coli</i> (Host), Phage lysate, LB Broth, Agar powder, Tryptone, NaCl, SM Buffer, Maltose and MgCl ₂ Solution, Tubes	HTM003-10PR	10pr*
HiPer® Bacterial Conjugation Teaching Kit Contents: <i>E. coli</i> donor and recipient strain, Streptomycin, Tetracyclin, LB Broth, Agar powder.	HTM004-5PR HTM004-20PR	5pr* 20pr*
HiPer® Transduction Teaching Kit Contents: Donor, Recipient and Susceptible host strains, Phage lysate, 1M CaCl ₂ , LB Broth, Agar powder, Tubes, Dextrose, MgCl ₂ , Ampicillin, Chloramphenicol	HTM005-5PR HTM005-20PR	5pr* 20pr*
HiPer® Ezy MIC™ Teaching Kit Contents: <i>S. aureus</i> culture, MIC Strips (Ciprofloxacin, Vancomycin, Azithromycin, Linezolid, Amikacin), Mueller Hinton Agar, Sterile cotton swabs, Applicator, Saline.	HTM006-10PR	10pr*
HiPer® Protein Assay Teaching Kits		
HiPer® SDS-PAGE Teaching Kit Contents: Acrylamide Solution, Tris Solutions (pH 6.8 and 8.8), Protein Marker, Electrophoresis Buffer, Sample Loading Buffer, Protein Samples, APS, TEMED, Agarose, Staining and Destaining Solution.	HTP001-10PR HTP001-20PR	10pr* 20pr*
HiPer® Protein Silver Staining Teaching Kit Contents: Fixative Solution, Reducer Solution, Developing Solution, Stopping Solution, Protein Samples, Protein Marker, Sample Loading Buffer, Silver nitrate, Acrylamide solution, Tris solutions (pH 6.8 and 8.8), Agarose, APS, TEMED.	HTP002-5PR	5pr*
HiPer® Native PAGE Teaching Kit Contents: Acrylamide Solution, Tris Solutions (pH 6.8 and 8.8), Protein Marker, Electrophoresis Buffer, Sample Loading Buffer, Protein Samples, APS, TEMED, PBS, Agarose, Staining and Destaining Solution.	HTP003-5PR	5pr*
HiPer® GST Purification Teaching Kit Contents: Glutathione Agarose Column, Binding Buffer, Buffer for Elution, Glutathione Reduced, Purified Protein, Crude Extract, Reagents for SDS page.	HTP004-5PR	5pr*
HiPer® X-Press Blue™ Staining Teaching Kit New Contents: Acrylamide/Bis-acrylamide Solution 30% (29:1), 2.5X Tris-SDS Buffer (pH 8.8), 5X Tris-SDS Buffer (pH 6.8), Prestained Protein Ladder, 5X Tris-Glycine-SDS Gel Running Buffer, 5X Sample Loading Buffer, Protein Samples, APS, TEMED, Agarose and X-Press Blue™ Protein Stain	HTP005-5PR	5pr*

Product	Code	Packing
HiPer® Immunology Teaching Kits		
HiPer® Latex Agglutination Teaching Kit Contents: Antigen Solution, Negative Control, Positive Control, Agglutination Cards, Mixing Sticks	HTI001-20PR	20pr*
HiPer® Ouchterlony Double Diffusion Teaching Kit (For Antigen-Antibody Pattern) Contents: Agarose, 10X Assay Buffer, Antiserums, Antigens, Glass Plate, Gel Puncher, Template	HTI002-10PR	10pr*
HiPer® Ouchterlony Double Diffusion Teaching Kit (For Antibody Titration) Contents: Agarose, 10X Assay Buffer, Test Antiserum, Antigen, Glass plate, Gel puncher, Template	HTI003-15PR	15pr*
HiPer® Radial Immunodiffusion Teaching Kit Contents: Agarose, Assay Buffer, Antiserum, Standard and Test Antigens, Glass Plate, Gel Puncher, Template	HTI004-20PR	20pr*
HiPer® Immunoelectrophoresis Teaching Kit Contents: Agarose, Electrophoresis Buffer, Antigen, Test Antiserums, Template, Glass Plate, Gel puncher	HTI005-5PR HTI005-20PR	5pr* 20pr*
HiPer® Rocket Immunoelectrophoresis Teaching Kit Contents: Agarose, Electrophoresis Buffer, Antiserum, Standard Antigens, Test Antigens, Glass Plate, Gel Puncher, Template.	HTI006-5PR HTI006-20PR	5pr* 20pr*
HiPer® Counter Current Immunoelectrophoresis Teaching Kit Contents: Agarose, Electrophoresis Buffer, Positive Control, Test Antiserums, Antigen, Glass Plate, Template, Gel Puncher	HTI007-10PR HTI007-20PR	10pr* 20pr*
HiPer® Blood Grouping Teaching Kit Contents: Anti A Sera, Anti B Sera, Anti RhD Sera, Cavity Slide, Mixing Stick, Blood Lancet	HTI008-100PR	100pr*
HiPer® Western Blotting Teaching Kit Contents: Acrylamide Solution, Tris Solutions (pH 6.8 and 8.8), Protein Marker, Electrophoresis Buffer, Sample Loading Buffer, Protein Samples, Transfer Buffer, Blocking Reagent, Diluent Buffer, Wash Buffer, Assay Buffer, Primary antibody, HRP Conjugate Antibody, TMB/H ₂ O ₂ , Staining and Destaining Solution, Nitrocellulose Membrane with Filter Paper	HTI009-5PR HTI009-20PR	5pr* 20pr*
HiPer® Quantitative Precipitin Assay Teaching Kit Contents: Antigen, Test Anti-Sera, Assay Buffer, NaOH Solution, Tubes	HTI011-10PR	10pr*
HiPer® Antigen Capture ELISA Teaching Kit Contents: Standard antigen, Antibody, Test Samples, HRP labeled Antigen, Blocking Buffer, TMB/H ₂ O ₂ , Coating Buffer, Wash Buffer, Stop Solution, Microtitre Plate	HTI012-4PR	4pr*
HiPer® Antibody Capture ELISA Teaching Kit Contents: Coating Antigen, Standard Primary Antibody, Test Samples, HRP-Conjugated Secondary Antibody, Blocking Buffer, TMB/H ₂ O ₂ , Coating Buffer, Wash Buffer, Stop Solution, Microtitre Plate	HTI013-4PR	4pr*

Product	Code	Packing
HiPer® Sandwich ELISA Teaching Kit Contents: Standard Antigen, Capture Antibody, Test Samples, HRP-Conjugated Antibody, Blocking Buffer, Coating Buffer, TMB/H ₂ O ₂ , Wash Buffer, Stop Solution, Microtitre Plate	HTI014-4PR	4pr*
HiPer® Dot ELISA Teaching Kit Contents: Dot ELISA Strip, Assay Buffer, HRP-Conjugated Antibody, TMB/H ₂ O ₂ , Test Serum Samples, Tubes.	HTI015-15PR	15pr*
HiPer® Immunoprecipitation Teaching Kit Contents: Electrophoresis Buffer, Sample Loading Buffer, Acrylamide solution, APS, TEMED, Agarose, Staining and Destaining Solution, Protein A Slurry, Antigen, Antibody, Wash Buffer, Tubes, Tris Buffers (pH 6.8 & 8.8), Protein Marker, Assay Buffer.	HTI016-5PR	5pr*
HiPer® Widal Test Teaching Kit (Slide Test) Contents: Widal Slide, <i>Salmonella typhi</i> antigen (H, O), <i>Salmonella paratyphi</i> antigen (AH, BH), Positive and Negative Controls, Mixing Sticks, Test Sample.	HTI017-20PR	20pr*
HiPer® Widal Test Teaching Kit (Tube Test) Contents: <i>Salmonella typhi</i> antigen (H, O), <i>Salmonella paratyphi</i> antigen (AH, BH), Test sample	HTI018-10PR	10pr*
HiPer® RA Test Teaching Kit Contents: Latex reagent for RA, Positive and Negative Control, Mixing Sticks, Disposable Agglutination Cards.	HTI019-20PR	20pr*
HiPer® RPR Test Teaching kit Contents: RPR antigen, Positive and Negative Control, Slide, Mixing Stick.	HTI020-20PR	20pr*
HiPer® VDRL Test Teaching Kit Contents: VDRL Slide, VDRL antigen, Positive and Negative Control, Mixing Sticks	HTI021-10PR	10pr*
HiPer® IgG Purification Teaching Kit Contents: Protein A agarose column, Test sample, Binding buffer, Elution buffer, Neutralization Buffer, Reagents for SDS-PAGE	HTI022-5PR	5pr*
HiPer® Immunohistochemistry (IHC) Teaching Kit Contents: Blocking Solution, Primary Antibody, Negative Control Antibody, Secondary Antibody, Antibody Diluent Buffer, 10XAntigen Retrieval Buffer, (DAB), 30% H ₂ O ₂ , 10X PBS, Hematoxylin, mounting Solution, Slides with paraffin sections	HTI023-5PR	5pr*
HiPer® Biochemistry Teaching Kits		
HiPer® Yeast Cell Immobilization Teaching Kit Contents: Yeast Cells, Sodium alginate, 1.5% Calcium chloride Solution, YPD, Agar powder, Glucose Solution, Diluent Buffer, Sucrose, DNSA Reagent, Potassium sodium tartrate, Centrifuge Tubes	HTBC001-10PR	10pr*
HiPer® Carbohydrates Estimation Teaching Kit (Qualitative) Contents: Standard Sugars (Glucose, Starch, Ribose, Fructose), Test Sugars, 1-Naphthol, Benedict's Reagent, Barfoed's Reagent, Resorcinol, Orcinol, Ferric chloride Solution, Iodine Reagent	HTBC002-25PR	25pr*

Product	Code	Packing
HiPer® Carbohydrates Estimation Teaching Kit (Quantitative) Contents: Glucose Standard, DNSA Reagent, Potassium sodium tartrate, Test Samples.	HTBC003-10PR	10pr*
HiPer® Protein Estimation Teaching Kit (Qualitative) Contents: Standard Protein Samples, Test Samples, Biuret Reagent, Ninhydrin Reagent, NaOH solution, Lead acetate Solution, Ammonium molybdate Solution	HTBC004-25PR	25pr*
HiPer® Protein Estimation Teaching Kit (Quantitative) Contents: Standard Protein Samples, Test Samples, Biuret Reagent, Folin's Reagent, Bradford's Reagent	HTBC005-5PR	5pr*
HiPer® DNA Estimation Teaching Kit Contents: Standard DNA Sample. Diphenylamine, Diluent Buffer, Test Samples	HTBC006-5PR HTBC006-20PR	5pr* 20pr*
HiPer® RNA Estimation Teaching Kit Contents: Standard RNA Sample, Orcinol monohydrate, Ferric chloride (anhydrous), 20X SSC, Test Samples	HTBC007-5PR HTBC007-20PR	5pr* 20pr*
HiPer® SGOT (ASAT) Estimation Teaching Kit Contents: Substrate reagent (SGOT), Pyruvate standard (2mM), DNPH Reagent, NaOH Reagent (4N), Molecular Biology Grade Water.	HTBC008-20PR	20pr*
HiPer® SGPT (ALAT) Estimation Teaching Kit Contents: Substrate reagent (SGPT), Pyruvate standard (2mM), DNPH Reagent, NaOH Reagent (4N), Molecular Biology Grade Water.	HTBC009-20PR	20pr*
HiPer® Chromatography Teaching Kits		
HiPer® Ion Exchange Chromatography Teaching Kit Contents: CM-Cellulose, Phosphate Buffer, <i>Micrococcus luteus</i> culture, NaCl Solution, Standard Lysozyme, Column, Tubes, Buffer A and B.	HTC001-5PR	5pr*
HiPer® Affinity Chromatography Teaching Kit Contents: Concanavalin A- Agarose Suspension, Standard Protein, Crude Protein Sample, Elution Buffer, Sodium acetate Buffer, H ₂ O ₂ , ABTS, Folin's Reagent, Column, Solutions (A, B, and C).	HTC002-5PR	5pr*
HiPer® Thin Layer Chromatography Teaching Kit Contents: Amino acid Samples (Arginine, Glutamine, Valine etc.), Test Sample, TLC Plates, Developing Reagent, TLC Solvent	HTC003-10PR	10pr*
HiPer® Gel Filtration Chromatography Teaching Kit Contents: Gel Filtration Column (2 ml), Gel Filtration Buffer, Sample	HTC004-5PR	5pr*

Product

Code

Packing

Product

Code

Packing

HTLA001 - HiPer® Lab Hamper



HiPer® Lab Hamper

HTLA001-1NO

1no

Contents:

- **Three Pipettes (Vol.) :**
0.5 - 10 μ l, 50 - 200 μ l, 100 - 1000 μ l (1 No. Each)
- **Tube rack :** compatible with 1.5ml & 0.5ml tubes (1 No.)
- **Nuclease Free Sterile Tips :**
10 μ l, 200 μ l, 1000 μ l (1 Box Each)
- **Latex Gloves (Medium size)** (1 Box)
- **Nuclease Free Sterile Centrifuge tubes :**
15 & 50ml tubes (25 Nos. Each)
- **Hiper® Teaching Kit Handbook** (1 No.)

Hi-FiBloE™ Series of Membranes for Genomic and Proteomic Workflow

Nitrocellulose for Western Blotting

- For use in protein transfer during Western Blotting

Nitrocellulose for Southern Blotting

- For use in transfer of DNA during Southern Blotting

PVDF for Western Blotting

- For use in protein transfer during Western Blotting

Nylon for Northern & Southern Blotting

- For use in transfer of Nucleic acids

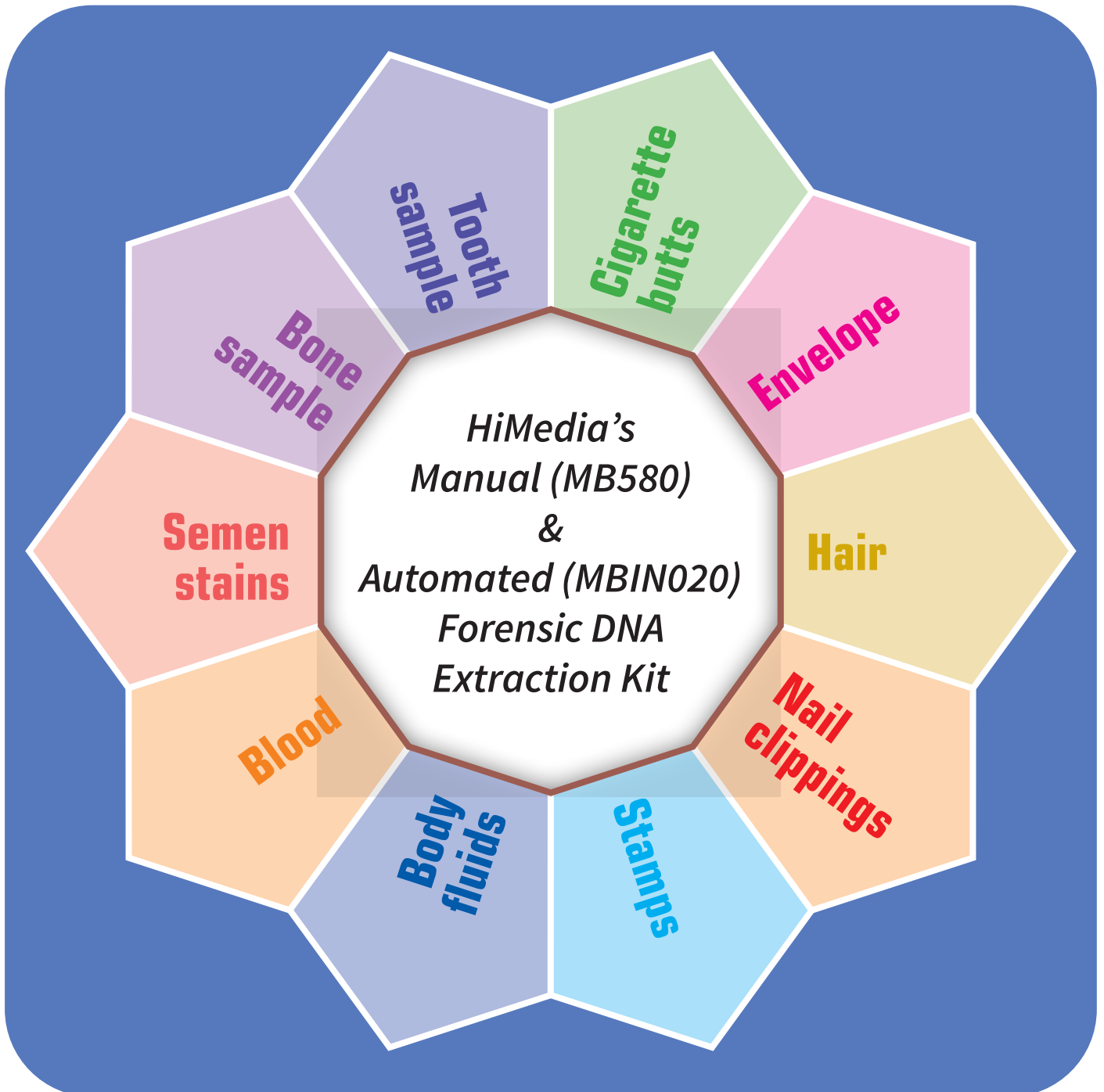


◀ Wee Blot™ - LA1088

Blotting Membrane	Available In	Size	Code	Pore Size
Hi-FiBloE™ Nitrocellulose	Roll	30 cm x 3 m	MBM001-1RL	0.2 μ m
Hi-FiBloE™ Nitrocellulose	Precut Sheets	20 cm x 20 cm	MBM002-20SH	0.2 μ m
Hi-FiBloE™ Nitrocellulose	Precut Sheets	7 cm x 8.5 cm	MBM003-20SH	0.2 μ m
Hi-FiBloE™ PVDF Membrane	Roll	26 cm x 3.3 m	MBM004-1RL	0.2 μ m
Hi-FiBloE™ PVDF Membrane	Precut Sheets	7 cm x 8.5 cm	MBM005-20SH	0.2 μ m
Hi-FiBloE™ Nylon Membrane	Roll	30 cm x 3 m	MBM006-1RL	0.2 μ m
Hi-FiBloE™ Nylon Membrane	Precut Sheets	20 cm x 20 cm	MBM007-20SH	0.2 μ m

One **Stop Solution**

in Forensic Extraction Kits



MB



Your perfect choice of lab aids for your Molecular Biology needs

MOLECULAR BIOLOGY LAB AIDS & INSTRUMENTS

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Wee Vert® - LA1070

The “COMPLETE DEVICE” for Standard Vertical Electrophoresis

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- No More WORRIES----Casting Gels is SO EASY
- UNIQUE** • Uninhibited Polymerization with Plastic Combs
- UNIQUE** • Smaller Tank Requires Minimal Buffer Quantity

New



Wee Blot™ - LA1088

A UNIQUE ELECTROBLOTTER
An Efficient Unit with Quality

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- Four blots Transferred in ONE SINGLE RUN
- Modular Design doesn't require Extra Cooling Units
- Transfer can be done at RT (<30°C) without cooling function

New



Table Top Centrifuge Models

TabSpin™006 - LA1089

- Centrifugal force : 1200 to 2000 g.
- Speed : 4000 & 6000 rpm
- Rotor capacity :
6 x 0.5/1.5/2.0 ml tubes or
2-8 x 0.2 ml PCR strip tubes

TabSpin™012 - LA1090

- Centrifugal force : 14000 g.
- Speed : 14500 rpm
- Rotor capacity :
12 x 1.5/2.0 ml tubes

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New



Insta NX® - LA1056

- Automated DNA/RNA extractor
- Innovative Super-S membrane technology (Centrifuge-free)
- Trinity technology to avoid cross contamination
- Multi Industry Application - Clinical, Food & Beverages, Forensic, Water, Research etc.

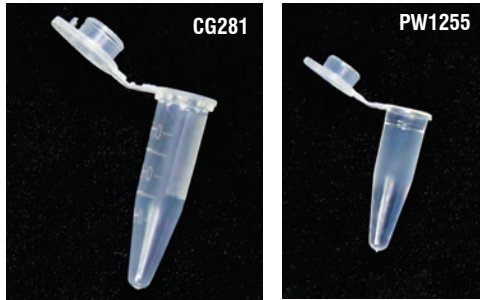
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Product
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Packing
Product
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Packing

Laboratory Aids for Molecular Biology

PCR Consumables

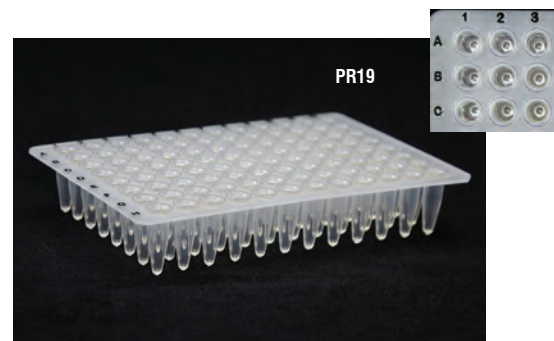
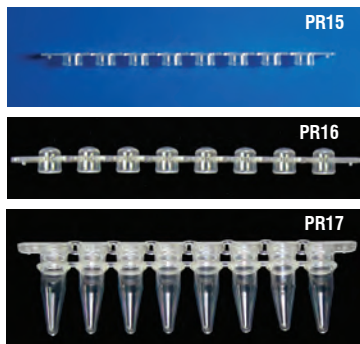
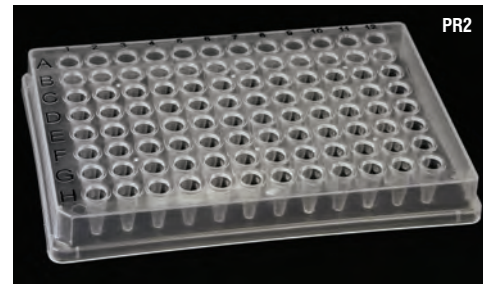
PCR Tubes



PCR Tubes, Flat lid Autoclavable, Conical Bottom, with Graduation, Vol. 0.5ml, Material : Polypropylene (PP)	CG281-1x1000NO	1x1000 no
PCR Tubes, Flat lid Autoclavable, Conical Bottom, without Graduation, Vol. 0.2ml, Material : Polypropylene (PP)	CG282-1x1000NO	1x1000 no
PCR Tube, Flat Lid New Sterile, Conical bottom without Graduation, Vol-0.2ml Material: Polypropylene (PP)	CG282E-1X 1000NO	1X1000 no
PCR Tubes, Thin walled DNA/RNase free, Autoclavable, Conical Bottom, without Graduation, Flat lid, Vol. 0.2ml	PW1255-1x1000NO	1x1000 no

8-Strip optically clear Dome caps for Real-time PCR	PR16-1x200NO	1x200 no
8-Strip tubes & optically clear flat caps for Real-time PCR Vol. 0.2ml	PR17-1x200NO	1x200 no

PCR Blocks, Plates & Sealings

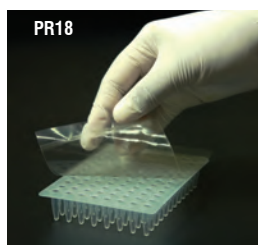


8-Strip PCR Tube with dome cap - Clear Vol. 0.2ml	PR12-1x200NO	1x200 no
8-Strip PCR Tube without cap - Clear Vol. 0.2ml	PR14-1x200NO	1x200 no
8-Strip PCR Tube Flat caps - Clear	PR15-1x200NO	1x200 no

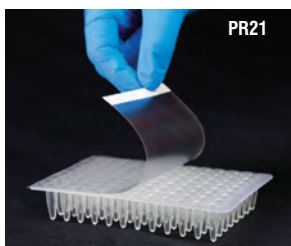
- Available in 96 well format.
- Available volume : 0.2 ml.
- Full-skirted, semi-skirted & non-skirted type.
- DNA/RNase free

PCR Blocks Full-skirt, natural, sterile, Alphanumeric Print, DNA/RNase free 96 well 0.1ml	PR2-1x25NO	1x25 no
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Product	Code	Packing
PCR Blocks Semi-skirt, natural, sterile, Alphanumeric print, DNA/RNase free 96 well, 0.2 ml volume.	PR3-1x25NO	1x25 no
PCR Blocks Non-skirt, natural, sterile, Alphanumeric marking, RNase, DNase free, 96 well, 0.2 ml volume.	PR5-1x25NO	1x25 no
PCR Blocks Non-skirt, natural, sterile, Alphanumeric print, RNase, DNase free, 96 well, 0.2 ml volume.	PR19-1x25NO	1x25 no



Optical Sealing Film 96 well PCR plate For Real time PCR	PR18-1x100NO	1x100 no
Aluminium Sealing Film Pierceable film, Use for Storage of samples in 96-well format.	PR20-1x100NO	1x100 no



Polypropylene Sealing Film Resealable film, Used for storage of samples in 96-well format.	PR21-1x100NO	1x100 no
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Screw Cap Tubes

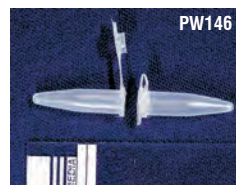


Product	Code	Packing
Screw Cap Tubes with 'O' Ring Clear, autoclavable, unmarked, self-standing, capacity : 2.0 ml.	PW1152-1x1000NO	1x1000 no
Alicote Vial with 'O' Ring Attached hinged screw cap, autoclavable, conical bottom, DNA/RNase free, capacity : 1.5 ml.	PW1218-1x1000NO	1x1000 no



Alicote Vial with 'O' Ring Screw cap without hinge (Tissue crushing screw vial), autoclavable, conical bottom, DNA/RNase free, capacity: 1.5 ml	PW1247-1x1000NO	1x1000 no
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Centrifuge & Micro Centrifuge Tubes



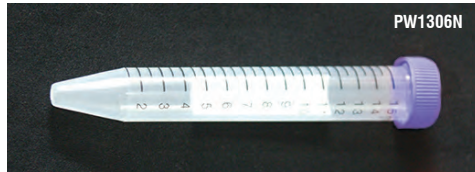
Micro Centrifuge Tube - B Attached hinged cap, autoclavable, capacity 1.5 ml, air tight.	PW146-1x500NO	1x500 no
Micro Centrifuge Tube-C* Attached hinged cap, autoclavable, capacity 2.0 ml, air tight.	PW147-1x500NO	1x500 no



Centrifuge Tube, 15 ml, Orange Cap Sterile, Autoclavable, Conical bottom, RCF value: 17000g DNase / RNase free, Pyrogen free	S PW1306-100x1NO PW1306-4x25NO PW1306-20x25NO PW1306-200x25NO	100x1 no 4x25 no 20x25 no 200x25 no
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Product	Code	Packing
Centrifuge Tube, 50 ml, Orange Cap Sterile, Autoclavable, Conical bottom, RCF value: 20000g DNase / RNase free, Pyrogen free	\$ PW1309-100x1NO PW1309-4x25NO PW1309-20x25NO	100x1 no 4x25 no 20x25 no



Centrifuge Tube 15ML, Mauve cap 15ML conical bottom tube, Sterile, Autoclavable, DNase/RNase free, Pyrogen free, RCF value: 17000g	New PW1306N-100x1NO PW1306N-4x25NO PW1306N-20x25NO PW1306N-200x25NO	100x1 no 4x25 no 20x25 no 200x25 no
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Centrifuge Tube 50ML, Mauve cap 50ML conical bottom tube, Sterile, Autoclavable, DNase/RNase free, Pyrogen free, RCF value: 20000g	New PW1309N-100x1NO PW1309N-4x25NO PW1309N-20x25NO PW1309N-200x25NO	100x1 no 4x25 no 20x25 no 200x25 no
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Hi4 Cooler



Vacutainer tube placed in LA1079

Hi4 Cooler Tolerance: -20°C, For transportation of vacutainers & other tubes at (2 - 8°C), Total 12 slots. (Max size: dia. 16mm x ht. 81mm) at (2 - 8°C), 12 slots. Directions for use : Keep the Hi4 Cooler at -20°C for at least 4hrs. before use.	LA1079-1NO	1 no
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Product	Code	Packing
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InstaDNA™ card Punch

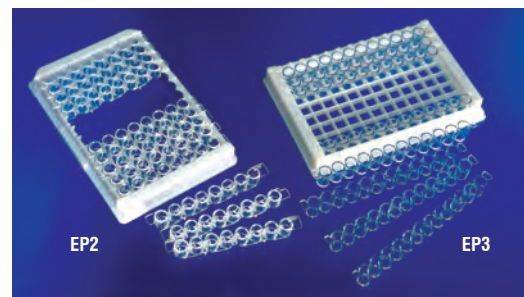


InstaDNA™ card Punch, 3mm LA1000-1NO

Punch size: 3mm, Metal body,
Autoclavable.

1 no

ELISA Plates

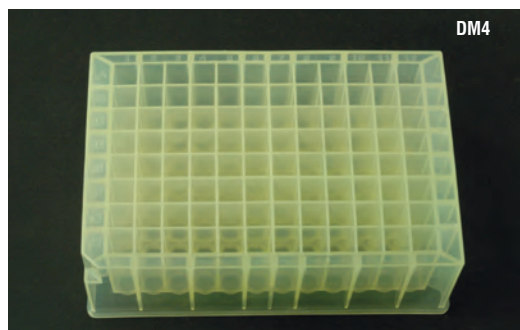


- 300 - 400 μ l/well.
- Alphanumerically marked tray (holder).
- High binding capacity, 300 ~ 400 ng IgG/cm² suitable as solid phase of protein with medium / large molecular weight (>10kD).
- Medium binding capacity, 200 ~ 300 ng IgG/cm² suitable as solid phase of protein with large molecular weight (>20kD).
- Animated, binding capacity of 100 ng IgG/cm² suitable as solid phase of protein with small molecules.
- Polystyrene material.

ELISA Plates 96 well, high binding, fixed flat bottom	\$ EP1-5x10NO EP1-10x10NO EP1-20x10NO	5x10 no 10x10 no 20x10 no
ELISA Plates 96 well, high binding, detachable, 8x12	EP2-5x10NO EP2-10x10NO EP2-20x10NO	5x10 no 10x10 no 20x10 no
ELISA Plates 96 well, high binding, detachable, 12x8	EP3-5x10NO EP3-10x10NO EP3-20x10NO	5x10 no 10x10 no 20x10 no
ELISA Plates 48 well, high binding, detachable, flat	EP4-5x20NO EP4-10x20NO EP4-20x20NO	5x20 no 10x20 no 20x20 no
ELISA Plates 96 well, Medium binding, fixed flat bottom	EP5-5x10NO EP5-10x10NO EP5-20x10NO	5x10 no 10x10 no 20x10 no
ELISA Plates 96 well, Medium binding, detachable, 8x12	EP6-5x10NO EP6-10x10NO EP6-20x10NO	5x10 no 10x10 no 20x10 no

Product	Code	Packing
ELISA Plates 96 well, medium binding, detachable, 12x8	EP7-5x10NO EP7-10x10NO EP7-20x10NO	5x10 no 10x10 no 20x10 no
ELISA Plates [S] 48 well, medium binding, detachable, flat	EP8-5x20NO EP8-10x20NO EP8-20x20NO	5x20 no 10x20 no 20x20 no

Deep-Multiple Well Plates (w/o lid)



- Centrifugation 3000 x g.
- Alphanumeric grid demarkation.
- Cylindrical wells.
- Total volume : 1.6 ml / 2.2 ml per well.
- Used in nucleic acid isolation protocols.
- Used for collection and storage for non-binding protein assays, enzymes or receptor assays or with cell harvesters.
- Compatible with multi-channel or automated pipetting systems.

Deep-Multiple Well Plate [S] 96 wells, 1.6 ml/well, non-sterile.	DM1-25NO DM1-50NO	25 no 50 no
Deep-Multiple Well Plate [S] 96 wells, 2.2 ml/well, non-sterile.	DM3-25NO DM3-50NO	25 no 50 no
Deep-Multiple Well Plate [S] 96 wells, 2.2 ml/well, sterile.	DM4-25NO DM4-50NO	25 no 50 no

Product	Code	Packing
Universal Tips		



Salient features :

- Pre-sterile tips
- Nuclease & Endotoxin free
- Ultra-low retention tips

Barrier Tips

Barrier Tips Max capacity 10 μ l Compatible Pipette Codes Varivol Pipette : LA624, LA611, LA617 μ Pet Pipette : LA955, LA964	LA749-1x96NO LA749-10x96NO	1x96 no 10x96 no
Barrier Tips Max capacity 20 μ l	LA750-1x96NO LA750-10x96NO	1x96 no 10x96 no
Barrier Tips Max capacity 200 μ l Compatible Pipette Codes Varivol Pipette : LA600, LA612, LA613, LA615, LA618, μ Pet Pipette : LA959, LA965, LA966, LA967	LA751-1x96NO LA751-10x96NO	1x96 no 10x96 no
Barrier Tips Max capacity 1000 μ l Compatible Pipette Codes Varivol Pipette : LA614, LA616	LA859-1x96NO LA859-6x96NO	1x96 no 6x96 no

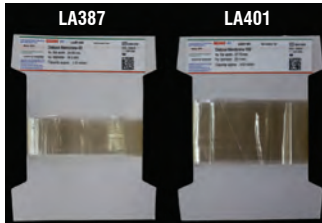
Non-Barrier Tips

Non-Barrier Tips Max capacity 10 μ l, Compatible Pipette Codes Varivol Pipette : LA624, LA611, LA617 μ Pet Pipette : LA955, LA964	LA788-1x96NO LA788-10x96NO	1x96 no 10x96 no
Non-Barrier Tips Max capacity 200 μ l, Compatible Pipette Codes Varivol Pipette : LA600, LA612, LA613, LA615, LA618, μ Pet Pipette : LA959, LA965, LA966, LA967	LA789-1x96NO LA789-10x96NO	1x96 no 10x96 no

Product	Code	Packing
Non-Barrier Tips Max capacity 1000 µl, Compatible Pipette Codes Varivol Pipette : LA606, LA607, LA608, LA614, LA616, µPet Pipette : LA960, LA963	LA790-1x96NO LA790-6x96NO	1x96 no 6x96 no

Dialysis Membrane

A regenerated seamless cellulose tubing; membrane is partially permeable and has molecular weight cut off between 12000 to 14000 Da. Pore size is 2.4 nanometers; ideal for filtration and osmosis work. Following sizes are available:



Dialysis Membrane-50 Av. flat width - 22.54 mm, Av. diameter - 14.3 mm, capacity approx - 1.61 ml/cm	LA387-1MT LA387-5MT LA387-10MT LA387-30MT	1 mt 5 mt 10 mt 30 mt
Dialysis Membrane-60 Av. flat width - 25.27 mm, Av. diameter - 15.9 mm, capacity approx - 1.99 ml/cm.	LA390-1MT LA390-5MT LA390-10MT LA390-30MT	1 mt 5 mt 10 mt 30 mt
Dialysis Membrane-70 Av. flat width - 28.46 mm, Av. diameter - 17.5 mm, capacity approx - 2.41 ml/cm.	LA393-1MT LA393-5MT LA393-10MT LA393-30MT	1 mt 5 mt 10 mt 30 mt
Dialysis Membrane-110 Av. flat width - 31.13 mm, Av. diameter - 21.5 mm, capacity approx - 3.63 ml/cm.	LA395-1MT LA395-5MT LA395-10MT LA395-30MT	1 mt 5 mt 10 mt 30 mt
Dialysis Membrane-135 Av. flat width - 33.12 mm, Av. diameter - 23.8 mm, capacity approx - 4.45 ml/cm.	LA398-1MT LA398-5MT LA398-10MT LA398-30MT	1 mt 5 mt 10 mt 30 mt
Dialysis Membrane-150 Av. flat width - 37.70 mm, Av. diameter - 25.4 mm, capacity approx - 5.07 ml/cm.	LA401-1MT LA401-5MT LA401-10MT LA401-30MT	1 mt 5 mt 10 mt 30 mt



Product	Code	Packing
Dialysis Closure Clips A perfect closure device for dialysis tubing of lay flat width from 4 mm to 55 mm. Clips are made of robust polypropylene which allows repeated use without any reduction in its function.	LA404-10NO	10 no
Dialysis Tubing Size 1 Dia 8/32, 6.3 mm	LA653-10MT LA653-30MT	10 mt 30 mt

Containers for Sample Collection & Transport

Tracol™ - Container for Sample Transportation IATA compliant Sample transportation container	New LA1094-1X6NO	1X6no
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Stoolcol™ - Container for Stool Sample Container in capacity to collect entire stool volume, Adaptable format for Indian and Western toilet	New LA1095-1X6NO	1X6no
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Salivol™ - Multipurpose Container Collection funnel with concealed cap containing nucleic acid stabilizer & a collection tube Samples : Sputum, Saliva, etc Application : Molecular Analysis	New LA1092-1X5NO	1X5no
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Product

Code

Packing

Product

Code

Packing

Instruments for Molecular Biology

Horizontal Electrophoresis Apparatus

- Gel tray provided with stable silicone gaskets such that no separate casting tray is required.
- Color-coded sealed platinum electrodes.
- Power supply leads with color code (Red and Black) for easy determination of Anode and Cathode, respectively.



Hi-Gel Run0608 2 combs each of 8 teeth	LA844-1NO	1 no
Hi-Eco Mini Horizontal Electrophoresis Kit Kit includes Hi-Eco Mini Horizontal Gel Box (LA844) & Electrophoresis Power Supply (2 terminal output LA842).	LA851-1NO	1 no
Hi-Gel Run0610 7 x 8 cm gel, Rapid cast gel tray with two combs slots. Includes two combs, 6 & 10 teeth, width 1.5 mm.	LA665-1NO	1 no
Hi-Gel Run1014 9 x 11 cm gel, Rapid cast gel tray with two combs slots. Includes two combs, 10 & 14 teeth, width 1.5 mm.	LA666-1NO	1 no
100 Wells Multichannel Compatible Horizontal Gel Box Length: 12" x 12". Height: 2.5", 4 combs each with 25 teeth, multichannel pipette compatible.	LA839-1NO	1 no
Hi-Gel Run 100 Well 19x23cm gel, Includes four combs 25 (4), 14 (4) teeth (multichannel pipette compatible), width 1.5 mm.	LA1075-1NO	1 no
Hi-Gel Caster Gel caster for mini & mid gel system. Gel size: 10x12cm.	LA1076-1NO	1 no

Cellulose Acetate Electrophoresis System

- Robust acrylic frame mounted on non-slip rubber feet.
- Long life pure platinum electrodes.
- Operating temperature range 4-65°C.



Cellulose Acetate Electrophoresis System	LA1027-1NO	1 no
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Vertical Electrophoresis Apparatus New

Wee-Vert® Vertical Electrophoresis System Gel size: 8.3 × 7.3 cm Includes two combs, 10 & 15 teeth, width 1 mm.	LA1070-1NO	1 no	75500
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- Uninhibited Polymerization with Plastic Combs
- Smaller Tank Requires Minimal Buffer Quantity
- Loading becomes easier with Sample Loading Guides
- One/Two Gels at once As Per Requirement



Wee-Vert® Vertical Electrophoresis Accessories

Tank	LA1070A-1NO	1 no
Lid with power cables	LA1070B-1NO	1 no
Clamping Frame	LA1070C-1NO	1 no
Electrode Assembly	LA1070D-1NO	1 no
Buffer Dam	LA1070E-1NO	1 no

Product	Code	Packing
Spacer Plate (1.0 mm)	LA1070F-5X1PK	5 X1pk
Short Plate	LA1070G-10X1PK	10X1pk
Casting Stand	LA1070H-1NO	1 no
Comb (1.0mm, 10 well)	LA1070I-1NO	1 no
Comb (1.0mm, 15 well)	LA1070J-1NO	1 no

Blotting Apparatus New CE

Wee-Blot™ Transfer System Gel size: 7.5 × 10 cm with fiber pad & ice cooling unit	LA1088-1NO	1 no
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- Essential for wet electroblotting of proteins – Western blotting
- Smaller Tank Requires Minimal Buffer Quantity
- Four blots Transferred in ONE SINGLE RUN
- Modular Design doesn't require Extra Cooling Units
- Transfer can be done at RT (<30°C) without cooling function



Wee-Blot™ Blotting Apparatus Accessories

Tank	LA1088A-1NO	1 no
Lid with power cables	LA1088B-1NO	1 no
Electrode Module	LA1088C-1NO	1 no
Gel Holder Cassette (Including Fiber Pad)	LA1088D-1NO	1 no
Fiber Pad	LA1088E-1NO	1 no

Electrophoresis Power Supply



Product	Code	Packing
Electrophoresis Power Supply (2 terminal output) 50V & 100V with DC output	LA842-1NO	1 no



Electrophoresis Power Supply 4 output terminals Output : 1) Constant voltage: 10 to 300V DC 2) Constant current: 4 to 400 mA	LA690-1NO	1 no
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TabSpin™ Series New CE

TabSpin™006 Rotor capacity: 6 x 0.5/1.5/2.0 ml tubes or 2-8 x 0.2 ml PCR strip tubes Max. centrifugal force: 1200 & 2000 g Speed: 4000 & 6000 rpm	LA1089-1NO	1 no
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TabSpin™012 Rotor capacity: 12 x 1.5/2.0 ml tubes Centrifugal force: 14000 g Speed: 14500 rpm Timer : 20sec-99 min	LA1090-1NO	1 no
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Product	Code	Packing	Product	Code	Packing
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Transilluminator Series

UV Transilluminator

Unique features:

- Auto shut down with timer for longer life of UV tubes.

Features:

- Light weight with superior sensitivity.
- Long-life, pure-UV quartz filter.
- Resistant to most chemicals, minor scratches, polarization.
- High intensity UV tubes are used to view DNA and RNA gels.
- Highly polished reflectors for uniform illumination.
- Electronic high frequency ballast to allow instant start.
- Ultra safe UV blocking lid to protect from direct exposure to UV light.

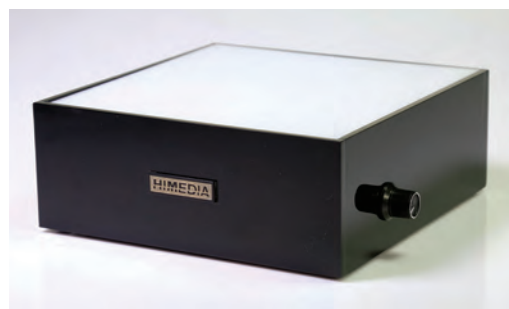
Hi-UV™ Intense Capture Size: 20 x 20cm, To view DNA, RNA and Protein gels	LA1068A-1N0	1 no
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Hi-UV™ Duo Gel view area: 20x20cm, Dual wavelength - 312nm and 365nm, Long-life, pure-UV quartz filter, To View DNA and RNA gels, High intensity UV tubes, Ultra safe UV blocking lid.	LA1069-1N0	1 no
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Hi-UV™ Duo Capture Size: 20 x 20cm, To view DNA, RNA and Protein gels	LA1069A-1N0	1 no
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Hi-White™ Set



Hi-UV™ Max Gel view area: 15x15cm, 312 nm wavelength, To View DNA and RNA gels, High intensity UV tubes, Ultra safe UV blocking lid.	LA1067-1N0	1 no
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Hi-UV™ Max Capture Size: 15 x 15cm, To view DNA, RNA and Protein gels	LA1067A-1N0	1 no
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Hi-White™ Set Gel View Area: 15 x 15 cm To view Protein Gels	LA1067B-1N0	1 no
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Hi-UV™ Intense Gel view area: 20x20cm, Dual intensity (High and low), Long-life, pure-UV quartz filter, 312 nm wavelength, To View DNA and RNA gels, High intensity UV tubes, Ultra safe UV blocking lid.	LA1068-1N0	1 no
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Product	Code	Packing	Product	Code	Packing
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Wee Series

PCR Thermal Cycler

Wee16®

Wee16 Go®

- **Non Gradient PCR**
- 5", 800×480 pixels, Color touch screen.
- Heating rate: 5°C/sec; Cooling rate: 4°C/sec.
- Integrated Tm calculator software, One Touch Incubation function.
- Android system; Wi-Fi module built-in.
- Big storage capacity and support USB device.

- **Non Gradient PCR**
- Aluminium alloy blocks of 16 wells (4 x 4) compatible for 0.2ml PCR tubes.
- Compatible with Car Charger for mobility in Car / Van.
- 5", 800×480 pixels, Color touch screen.
- Heating rate: 5°C/sec; Cooling rate: 4°C/sec.
- Integrated Tm calculator software, One Touch Incubation function.
- Android system; Wi-Fi module built-in.
- Big storage capacity and support USB device.



LA1059



LA1066



Wee16® Thermal Cycler 16 wells block	LA1059-1N0	1 no
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Wee16 Go® Thermal Cycler 16 wells block	LA1066-1N0	1 no
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Wee32®

- **Gradient PCR** : 8 Column
- 5", 800×480 pixels, Color touch screen.
- Heating rate: 5°C/sec; Cooling rate: 4°C/sec.
- Integrated Tm calculator software, One Touch Incubation function.
- Android system; Wi-Fi module built-in.
- Big storage capacity and support USB device.
- Aluminium alloy blocks of 32 wells (8 X 4) compatible for 0.2ml PCR tubes, 0.2ml 8-strip PCR tubes



LA1060

Wee32® Thermal Cycler 32 wells block	LA1060-1N0	1 no on request
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Product	Code	Packing
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Product	Code	Packing
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Prima Series



Prima-DUO®/ Prima-96™

- 8" TFT color touch – screen with graphical display provides easy use for setting up and monitoring.
- Gradient temperature is from range 30-100°C.
- Integrated Tm calculator software.
- Automatic restart after power failure.
- Heating rate : 5°C/sec ; Cooling rate : 4°C/sec.
- Control Accuracy : ± 0.1°C (30 - 99.9°C).

Prima-DUO®

Prima-96™



LA948

LA949

Prima-DUO® Thermal Cycler Two blocks of 48 wells	LA948-1N0	1 no
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- 1) Two Aluminium alloy blocks of 48 wells compatible for 0.2ml PCR tubes, 0.2ml 8-strip PCR tubes.
- 2) Replaceable module, the choice of a dual-block module can simultaneously run two different PCR programs.

Prima-96™ Thermal Cycler 96 wells block	LA949-1N0	1 no
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ECO-96®

- Single Aluminium alloy block of 96 wells compatible for 0.2ml PCR tubes, 0.2ml 8-strip PCR tubes.
- Gradient set up feature is available from range 30-100°C.
- Automatic restart after power failure.
- Heating rate : 4°C/sec ; Cooling rate : 3°C/sec.
- Control Accuracy : ± 0.2°C (30 - 99.9°C).



LA950

Eco-96® Thermal Cycler 96 wells block	LA950-1N0	1 no
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Prima 96PLUS™

- Single Aluminium alloy block of 96 wells compatible for 0.2ml PCR tubes, 0.2ml 8-strip PCR tubes, PCR 96-wells plates.
- Gradient Range : 1~25°(MAX 5° zone-to-zone, six zones)
Gradient Temperature Range : 30-100°C
- Heating rate : 5°C/sec and cooling Rate: 4°C/sec
- Integrated Tm calculator software.
- Control Accuracy ±0.2°C (30-100°C)



LA1015

Prima 96PLUS™ Thermal Cycler 96 wells block	LA1015-1N0	1 no
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Prima-TRIO®

- Three Aluminium Block of 32 wells for 0.2ml PCR tubes or 8-strips PCR tubes
- 8" TFT color touch - screen with graphical display provides easy to use for setting up and monitoring
- Integrated Tm calculator
- Heating rate : 4.5°C/sec and cooling Rate: 4°C/sec
- Gradient set up features is available, Gradient range 1-30°C, Gradient Temp. 30 - 100°C
- Control Accuracy : ≤ ±0.3°C
- Automatic restart after power failure
- USB drive available for transfer of data



LA1006

Prima-Trio® Thermal Cycler 32 wells x 3 blocks	LA1006-1N0	1 no
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Product	Code	Packing	Product	Code	Packing
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Insta Q Series



Real-Time PCR Thermal Cycler

Insta Q96® Plus / Insta Q96® - 6.0

- Single Aluminium alloy block of 96 wells compatible 0.1ml & 0.2ml PCR tubes, 8-strips PCR tubes and Plates
- With PC interface and Integrated with touchscreen computer (Optional), gives you wireless operation of system
- Detection mode: Patented Bottom Detection system, PMT
- Thermal gradient Temperature 1°C - 36°C
- Temperature uniformity : ±0.3°C (tested at 55°C)
- Feature function :
 - 1) Absolute Quantification
 - 2) Relative Quantification
 - 3) HRM (High Resolution Melting curve)
 - 4) SNP Analysis
 - 5) Gradient Melt Curve
 - 6) Genotyping
 - 7) Gene Expression
 - 8) Background Correction
 - 9) Endpoint Analysis



LA1073

Insta Q96®

LA1012-1N0

1 no

Real time PCR System,
96 well block, 5 channel, FAM,
SYBR Green I, VIC, HEX, TET,
JOE, Cy3, TAMRA, ROX, TEXAS-
RED, Cy5, Quasar-670, Cy5.5,
Quasar-705

Insta Q48® M4 / Insta Q48® M2

- Sample Capacity : 48*0.2ml, Sample Volume Range : 10~100µL
- Detection mode: Patented Bottom Detection system, PMT
- Gradient Temp. Range : 1°C~18°C (Max 6°C zone to zone, 3 zones)
- Ramp Rate (Max) : ≥4.0°C/sec,
Temp. Control Accuracy : ≤±0.1°C
- Touchscreen computer (Optional)
- Feature function :
 - 1) Absolute Quantification
 - 2) Relative Quantification
 - 3) HRM (High Resolution Melting curve)
 - 4) SNP Analysis
 - 5) Gradient Melt Curve
 - 6) Genotyping
 - 7) Gene Expression
 - 8) Background Correction
 - 9) Endpoint Analysis



LA1023

Insta Q96® Plus Real time PCR System, 96 well block, 5 channel, FAM, SYBR Green I, VIC, HEX, TET, JOE, Cy3, TAMRA, ROX, TEXAS- RED, Cy5, Quasar-670, Cy5.5, Quasar-705	LA1073-1N0	1 no
Insta Q96® - 6.0 Real time PCR System, 96 well block, 6 channel, FAM, SYBR Green I, VIC, HEX, TET, JOE, ROX, TEXAS-RED, Cy5, Cy5.5, NED, TAMRA, Cy3	LA1074-1N0	1 no

Insta Q48® M4 Real time PCR System, 48 well block, 4 Channels, FAM, SYBR Green I, HEX, VIC, JOE, CY3, TAMRA. ROX, TEXAS-RED, CY5, Quasar-670	LA1023-1N0	1 no
Insta Q48® M2 Real time PCR System, 48 well block, 2 Channels, FAM, SYBR Green I, HEX, VIC, JOE, CY3, TAMRA.	LA1024-1N0	1 no

Product

Code

Packing

Product

Code

Packing

Insta NX[®] Automated Nucleic Acid Extractor

Insta NX[®]

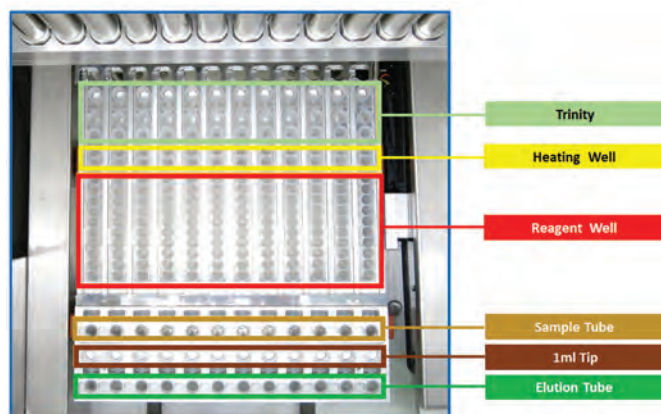
Salient Features:

- Newly designed innovative Super -S membrane technology.
- Easy-to-use and easy-to-maintain system operation
- Wide range of applications for DNA & RNA extraction from various types of samples
- Ready to use with prefilled reagent cartridges
- Stream-line workflow to avoid cross contamination
- Integrated UV light for sterilization
- Provision for USB port for software upgradation

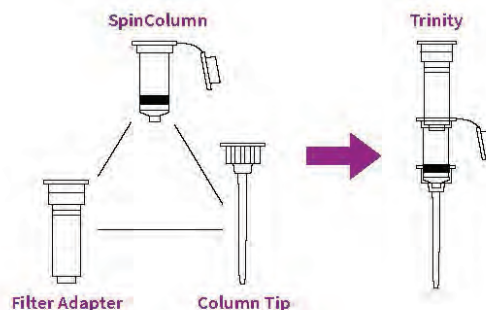
Product Intended Use:

The Insta NX[®] Instrument is intended for use in combination with HiMedia kits to perform automated purification of nucleic acids. The nucleic acid purified using the Insta NX[®] Instrument is suitable for direct downstream analysis by standard amplification methods.

Worktable of Insta NX



Trinity Technology based system



Technical Parameters of the Product

Sample Capacity	1-12 Samples per run
Sample Volume	200-400 μ l
Elution Volume	30, 50, 100, 150, 200 μ l
Processing Time	50-120 minutes (depends on sample type and method)



LA1056



Insta NX[®]

LA1056-1N0

1 no

Product	Code	Packing	Product	Code	Packing
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Insta NX® One stop solution for all Nucleic acid extractions						
Clinical	Food	Forensic	Plant	Veterinary	Insect	Environmental Sample
Blood	Spices	Frozen blood	Rice	Horse blood	Honey Bee	Soil
Urine	Juice	Bone	Mint	Pork tissue	Nematode	Drinking Water
Stool	Milk	Tooth	Watermelon Seeds	Goat tissue	Snail	Marine sediments
Body Fluids	Chocolate	Buccal DNA	Pomegranate	Chicken tissue	Tick	Sea water
Tissue	Water	Hair	Wheat seedling	Feather	Mosquito	Yeast
Sputum	Sea food	Cigarette butt	Banana	Horse Tissue	Fly	-
CSF	Prawns	Envelope surface	Mango	Cow Tissue	-	-
Endocervical Fluids	Fish	Semen stained cloth	Onion	Buffalo Tissue	-	-
Virus	Honey	Chewing gum	Sugar cane	-	-	-
WBC's	Chips	Tissue	Oil Palm	-	-	-
Serum	Coffee	Blood Stains	Groundnut	-	-	-
Plasma	Butter	Nail	Soyabean	-	-	-
Cells	Seafood	Blood	Garlic	and many more...		
Frozen blood	Baby food	Vaginal Swab	Jowar			
Nasopharyngeal swab	-	Tooth Brush	Melon			
-	-	Saliva	Tea			
-	-	Tobacco stains	Sesame seeds			
-	-	Stool	Amaranth seeds			
-	-	-	Cotton			
-	-	-	Millet			
-	-	-	Sida			
-	-	-	Herbs			
-	-	-	Mangroves			
-	-	-	Okra			

Portable Ultrafast PCR System

Key Features of Palm PCR™ System

- Battery-powered, stand-alone device:
More than 4 hours of operation on a single charge
- Extended dynamic range:
Upto 2 kb with the high-speed and high-efficiency
- Ultra-fast amplification:

Palm PCR™ - G1 Portable ultrafast PCR system	LA998-1N0	1 no
Palm PCR™ - G2 Portable ultrafast PCR system with Multi-Step Isothermal Function	LA1013-1N0	1 no

Palm PCR™ - LA998

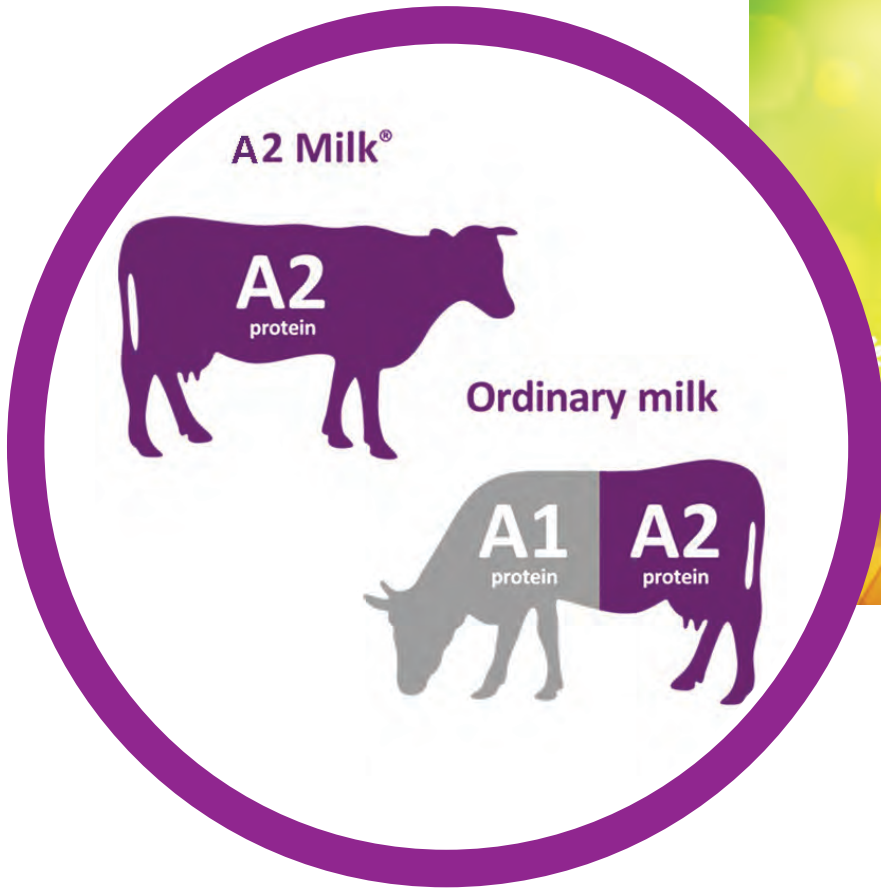


■ Red: LA998-R

Palm PCR™ - LA1013



■ Red: LA1013-R



MBPCR230 - Hi-PCR[®] A1A2 Probe PCR Kit

- Ready-to-use kit for sensitive and specific detection
- **A2 milk can be confirmed only by PCR testing**
- Several studies have proven the benefits of A2 β -casein milk & the health risks of A1 β -casein milk consumption
- **A2 milk has been shown to prevent obesity along with improvement in digestion & brain function**
- Histidine is replaced by Proline in A2 milk; **preventing** production of **BCM7** [β -casomorphin-7] that is responsible for Type I Diabetes, Heart diseases, Autism, etc.