

1-Stop Solution

for Forensic Applications



Fast solutions for timely JUSTICE.

One Stop Solution

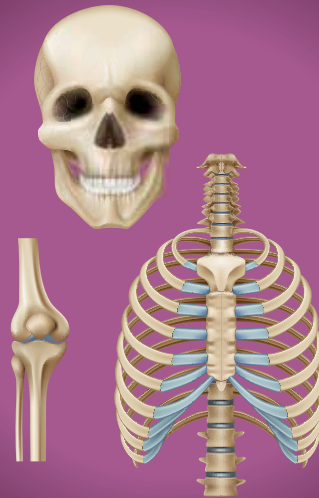
for Forensic Applications

Samples Processed



DNA Extraction from Challenging Bone Sample

Superior
Preprocessing of
Bone and **Teeth**
Samples using
Bone Lysis Buffer



Human Bone
Sample

Making
extraction
Easier with Pre
Filled Plates...

HiPurA® Multi sample
Pre-Filled Plates
for Insta NX® Mag32
MB554MPF32200



Peel-off Pre-filled
Cartridges for Single
Sample Processing for
Insta NX® Mag16 and
Mag32



Magnetic
bead-based
1 to 32
samples

Automated Nucleic
acid purification
system



Insta NX® Mag32
(LA1096)



Insta NX® Mag16 -
LA1118



Magnetic
bead-based
1 to 16
samples

Samples Processed

- Blood & Other Body fluids
- Semen stains
- Hair
- Nail clippings
- Tooth
- Tissues
- Cigarette butts
- Envelope
- Stamps
- Blood Stains
- Bone

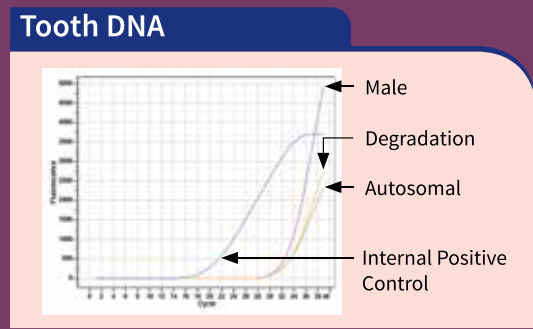
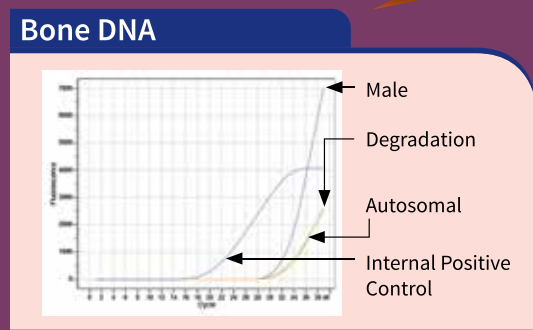
Yield Seen like never before

Excellent DNA profile achieved from STR amplification reactions

DNA yield $\geq 5 \text{ pg}/\mu\text{L}$ and free of inhibitors



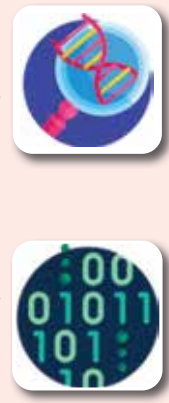
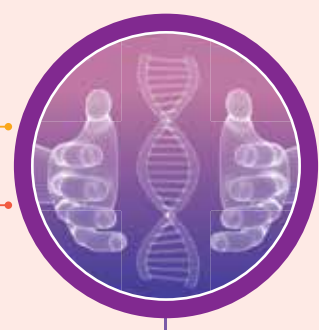
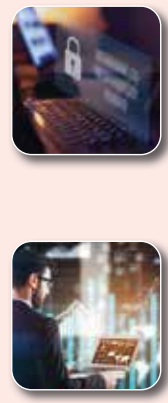
Insta-Q96[®]-6.0 (LA1074)
Real-Time PCR System



First, Novel & Open software developed to assist Forensic Laboratories

HiGenoMB[®] Forensic ID Software (MBES01)

- Advance Session Management
- Data Encryption
- Auto Logout Facility
- Dynamic Report Generation
- Non-Editable Formats (.pdf)
- IP-Based Time Stamping



- Perform HID Calculations
- Calculates Quantity & Quality of DNA, Male : Female Mixtures, Sample Inhibition with IPC Shift
- Real-Time & Error Free Calculations
- Helps to Prepare Dilution Series for Various Down Stream STR Analysis
- Autosomal STR Dilution Calculation
- Y STR Dilution Calculation

DNA Profiling using Multiplex STR System

Extraction - Free PCR using InstaDNA™ Kit



Blood spotted on InstaDNA™ Card



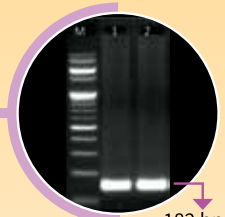
Card punching after sample drying



Punch ready for direct PCR



PCR using Wee Machine (LA1060)



18S PCR from blood spotted on the card

InstaDNA™ card (MBT126)



InstaDNA™ Twin Card (MBT137)



InstaDNA™ Quadricard (MBT121)



Note : InstaDNA™ card in customizable format possible.

Sample Identification Kits

Blood Identification Kit (ML189)



Semen Identification Kit (ML200)



Thermal Cycler



Prima-96™ (LA949)



Prima-DUO® (LA948)

Products For Applications At-A-Glance

Code	Product Name
Manual Nucleic Acid Purification Kits	
MB524	HiPurA® Forensic Sample Genomic DNA Purification Kit
MB525	HiPurA® Bone DNA Purification Kit
MB531	HiPurA® Buccal DNA Purification Kit
MB504	HiPurA® Blood Genomic DNA Miniprep Purification Kit
MB554	HiPurA® Multi-Sample DNA Purification Kit
MB542	HiPurA® Soil DNA Purification Kit
MB578	HiPurA® Quick Bone DNA Purification Kit
MB580	HiPurA® Forensic Multi-Sample DNA Purification Kit
MB522	HiPurA® Sperm Genomic DNA Purification Kit
MB573	HiPurA® Urine DNA Purification Kit
MB544	HiPurA® Stool DNA Purification Kit
Magnetic Bead Based Extraction Kits	
MB554MPF32200	HiPurA® Multi sample Pre-Filled Plates for Insta NX® Mag32
MB554MPF96-200	HiPurA® Multi sample Pre-Filled Plates for Insta NX® Mag96
MB554PC16200	HiPurA® Pre- Filled cartridges for DNA Extraction
Insta NX® Extraction Kits for Forensic Application	
MBIN012	Insta NX® Bone DNA Purification Kit
MBIN021	Insta NX® Blood RNA Purification Kit
MBIN001	Insta NX® Blood Genomic DNA Purification Kit
MBIN003	Insta NX® Tissue Genomic DNA Purification Kit
MBIN020	Insta NX® Forensic Multi-Sample DNA Purification Kit
MBIN017	Insta NX® Frozen Blood DNA Purification Kit

Code	Product Name
InstaDNA™ Cards/Kit	
MBT126	InstaDNA™ card
MBT137	InstaDNA™ Twin Card
MBT121	InstaDNA™ Quadricard
MBT109	InstaDNA™ Kit
MBT145	InstaDNA™ Twin Card Kit
MBT158	InstaDNA™ Quadricard Kit
Identification Kits	
ML189	Blood Identifier Kit
ML200	Semen Identifier Kit
ML201	Crime Scene Identification Kit
ML214	Crime Scene Investigation kit (For sexual assault cases)
MBES01	HiGenoMB® Forensic ID Software
Point Of Care Testing (POCT)	
MBLF002	Insta-LF™ Human Blood Point of Care Detection Kit
Forensic Buffers	
ML127	Stain Extraction Buffer
ML128	Forensic Buffer
ML203	1M Sodium Chloride
ML204	1M Sucrose
ML205	1M DTT
PCR Kits	
MBPCR143	Hi-PCR® Horse Probe PCR kit
MBPCR184	Hi-PCR® Cow Detection Kit (Real-Time Probe Based PCR)
MBPCR185	Hi-PCR® Buffalo Detection Kit (Real-Time Probe Based PCR)
MBPCR186	Hi-PCR® Cattle Sex Determination Kit (Real-Time Probe Based PCR)
MBPCR210	Hi-PCR® Cow-Buffero Detection Kit (Real-Time Probe Based PCR)

One-Stop Shop for Your Forensic Needs

HiPurA® Multi sample Pre-Filled Plates for Insta NX® Mag32
MB554MPF32200

InstaNX® Mag 32
LA1096

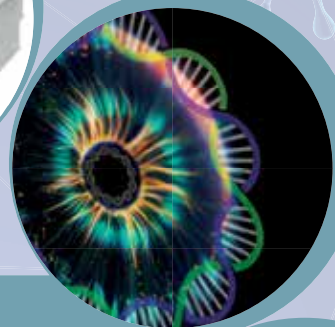
Peel-off Pre-filled Plates



Peel-off Pre-filled Cartridges for Single Sample Processing



Hi-Gx360® Sequencing and Bioinformatics Services



Molecular Biology Lab Aids



HiGenoMB
Unzipping Genes

Insta NX® Mag16
LA1118



Insta Q96®-6.0 Real Time PCR System
LA1074



Prima-96™ Thermal Cycler
LA949



LA1096_QR

HiGenoMB® Forensic ID Software - **MBES01**



LA1118_QR

Point-of-Care Testing (POCT)



**Insta-LF™ Human Blood Point-of-Care
Detection Kit - MBLF002**

Rapid test

Can be performed On-site

Requires less sample volume

No need of technical expertise

**No need of sophisticated
machine**



HIMEDIA®

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HiMedia Laboratories™
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