

1-Stop Solution

for Forensic Applications



ENFSI

SWGDM

ISO 18385:2016



Scan QR code for
HiGenoMB[®]
Corporate Video

HIMEDIA[®]

For Life is Precious

Blood Sample to Detection in 20 mins

Insta-LF™ Rapid-B Kit (MBLF004)

Features

- Tests can be done directly on-site
- Specificity:
 - Specific for Human blood.
 - No cross reactivity with other human body fluids and animal body fluids.
- Sensitivity:
 - Detect as little as 0.5 µL of human blood.
- Does not exhibit High dose hook effect and therefore, greatly reduces the chances of false negative results.
- Old blood stains can be detected.
- Test run time < 20 minutes.

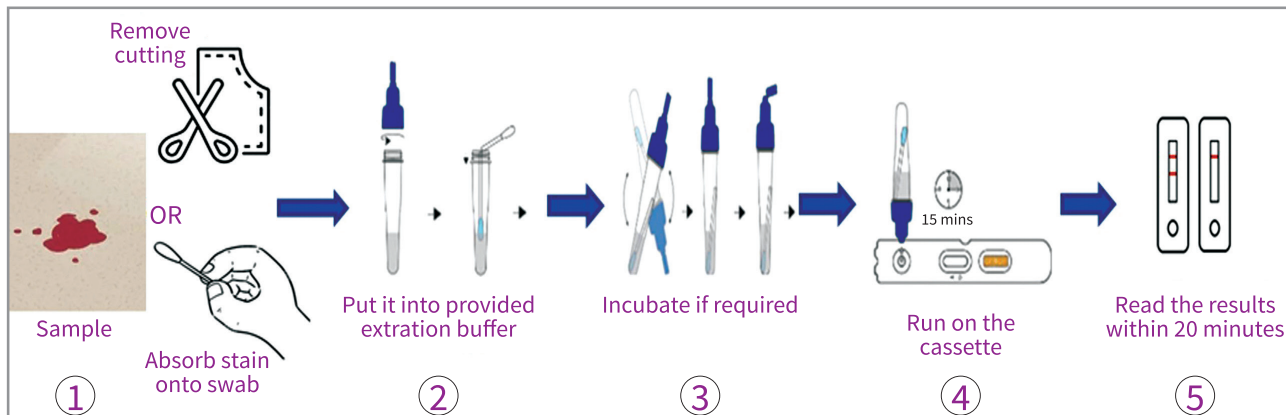


**This is the First,
Make in India**

To detect 'ONLY'
Human blood
for forensic use



Technical
Poster



Video-How
to use the
kit



DNA Extraction from Challenging Bone Sample

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



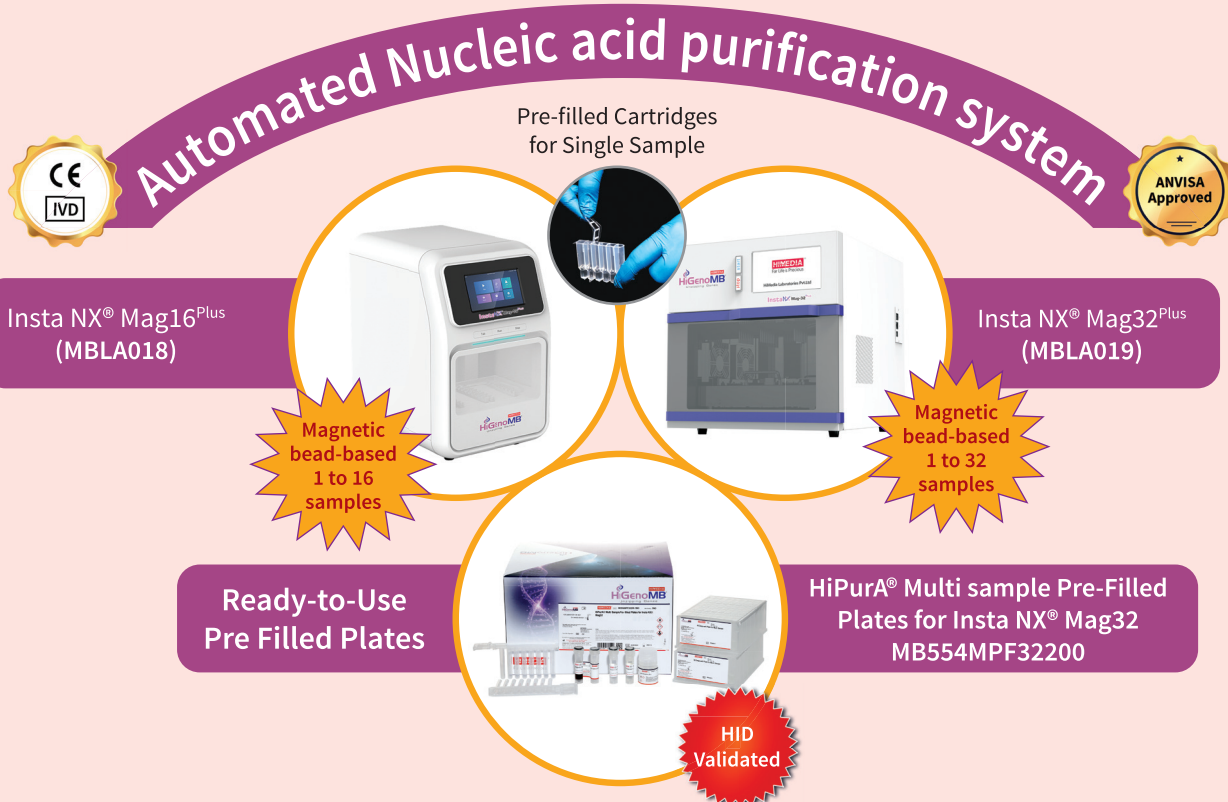
Validation
Report



Human Bone
Sample



Bone
Data



Other Samples Processed

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

Human DNA Quantification by Real-Time PCR

**Sensitive, Robust &
Open System for Human
DNA Quantification**

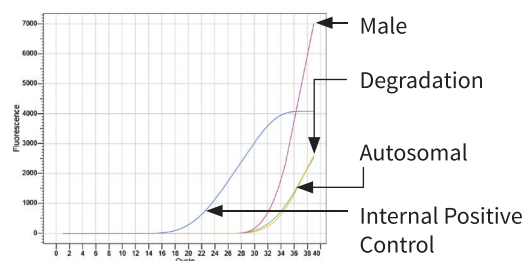


Insta Q96®-6.0 (LA1074)
(6 channel system)
Real-Time PCR System

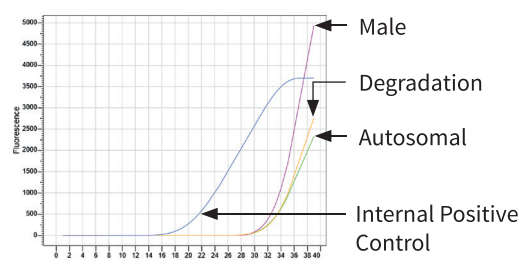


LA1074
Validation
Report

Bone DNA



Tooth DNA



LA1074
Data

MBPCR266 Hi-PCR® Human DNA Quantification Kit

- **4-plex** Probe-Based qPCR Assay
- Quantifies **total human DNA** and **human male DNA**
- **Detects PCR inhibitors** and **assess DNA degradation** in forensic samples
- **Highly sensitive** upto detection of **< 1 pg/μL** human DNA
- Determines the ratio of human male to female DNA (**1:4000 or greater**)
- **Validated** in accordance with **SWGAM** and **ENFSI** guidelines
- **Validated** on **Insta Q96®-6.0, QuantStudio™ 5** Real-Time PCR system



MBPCR266
Validation Report



MBPCR266
Data

HiGenoMB® Forensic-ID DNA Quantification Software (MBES01)

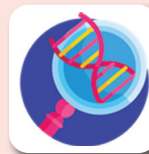
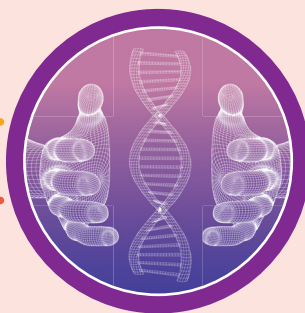
**HID
Validated**

- Advance Session Management
- Data Encryption
- Auto Logout Facility

- Dynamic Report Generation
- Non-Editable Formats (.pdf)
- IP-Based Time Stamping



MBES01
Validation
Report



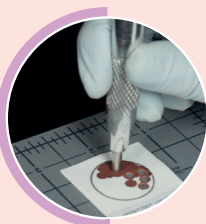
- Perform HID Calculations
- Calculates Quantity & Quality of DNA, Male : Female Mixtures, Sample Inhibition with IPC Shift
- Real-Time & Error Free Calculations
- Helps to Prepare Dilution Series for Various Down Stream STR Analysis
- Autosomal STR Dilution Calculation
- Y STR Dilution Calculation

**DNA Profiling using
Multiplex STR System**

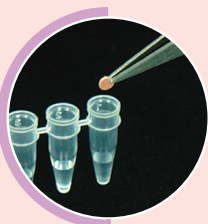
Extraction - Free PCR using InstaDNA™ Kit



Blood
spotted on
InstaDNA™
Card



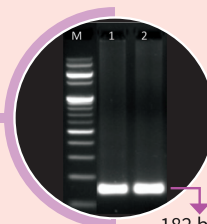
Card
punching after
sample drying



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)



InstaDNA™ Penta Card
(MBT201)



Scan QR
code for
video

Note : InstaDNA™ card in customizable format possible.

Thermal Cycler

Prima-96™ (LA949)



LA949
Validation
Report

Prima Flexi® Series



Prima Flexi® Trio
MBLA024



Prima Flexi® 96
MBLA021



Prima Flexi® 96-2D
MBLA022



Prima Flexi® DUO
MBLA023

Sample Identification Kits

Blood Identification Kit (ML189)



Semen Identification Kit (ML200)



Products For Applications At-A-Glance

Code	Product Name
Manual Nucleic Acid Purification Kits	
MB580	HiPurA® Forensic Multi-Sample DNA Purification Kit
Magnetic Bead Based Extraction Kits	
MB554MPF32200	HiPurA® Multi sample Pre-Filled Plates for Insta NX® Mag32
MB554MPF16200	HiPurA® Pre-Filled Plates for DNA Extraction
MB554PC16200	HiPurA® Pre- Filled Cartridges for DNA Extraction
InstaDNA™ Cards/Kit	
MBT126	InstaDNA™ card

Code	Product Name
MBT137	InstaDNA™ Twin Card
MBT121	InstaDNA™ Quadricard
MBT109	InstaDNA™ Kit
MBT145	InstaDNA™ Twin Card Kit
MBT158	InstaDNA™ Quadricard Kit
Point Of Care Testing (POCT)	
MBLF004	Insta-LF™ Rapid-B Kit
Identification Kits	
ML189	Blood Identifier Kit
ML201	Crime Scene Identification Kit
ML214	Crime Scene Investigation kit (For sexual assault cases)

One-Stop Shop for Your Forensic Needs

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

Insta NX® Mag32^{Plus}
MBLA019

Peel-off
Pre-filled Plates



Peel-off Pre-filled
Cartridges for
Single Sample
Processing



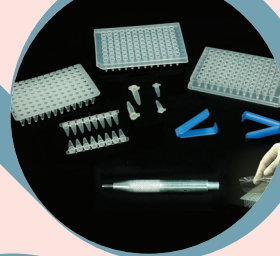
**HID
Validated**



Hi-Gx360® Sequencing and
Bioinformatics Services



Molecular
Biology Lab
Aids



HiGenoMB
Unzipping Genes

Insta NX® Mag 16^{Plus}
MBLA018



Insta Q96® AG 6.0
Real Time PCR System
MBLA028



**MBLA028
Video**



**HID
Validated**

HiGenoMB® Forensic-ID DNA
Quantification Software - **MBES01**



Prima Flexi®
Series



**MBLA018
Video**

Scan to view Technical Poster :



Samples Processed

Insta NX® Mag Series Automated Nucleic Acid Extractors



DNA Profile
Data



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HIMEDIA®

For Life is Precious

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