

FORENSICS

THE SCIENCE OF CRIME

SCENE DO NOT



One Stop Solution For Forensic Applications

Manual Nucleic Acid Purification

HiPurA® Forensic Multi-Sample DNA Purification Kit (MB580)



Automated Nucleic acid purification system

Insta NX® (LA1056)



Column based
1 - 12
samples

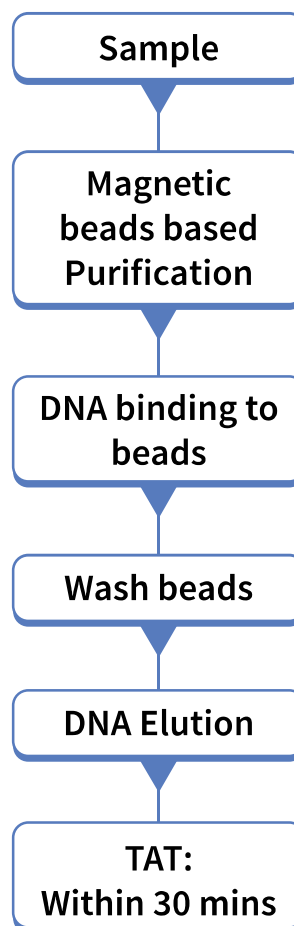
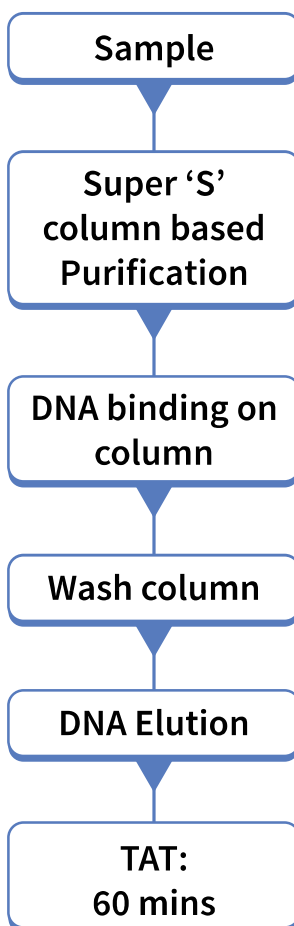
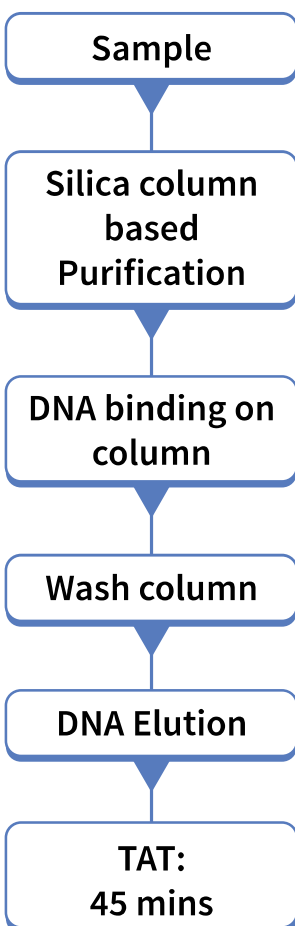
Automated Nucleic acid purification system

Insta NX® Mag32 (LA1096)



Magnetic
bead-based
1 to 32
samples

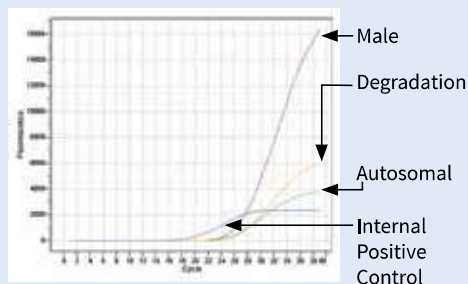
CE - IVD
Approved



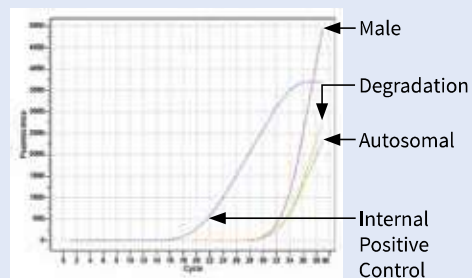
Samples Processed: Blood, Blood Stains, Tissue, Hair, Bone, Tooth, Semen, Saliva, Cigarette Butts, Chewing Gum, Paraffin Embedded Slide etc.

Automated Solution for Forensic Applications

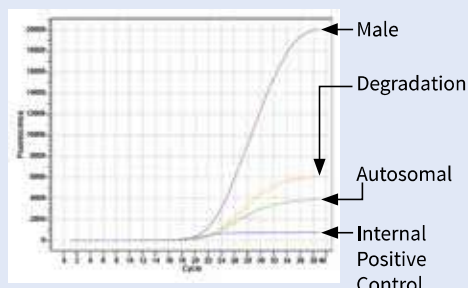
Hair DNA



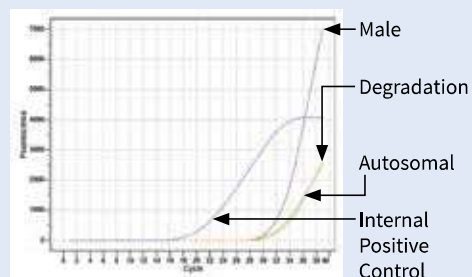
Tooth DNA



Muscle tissue (foetus)



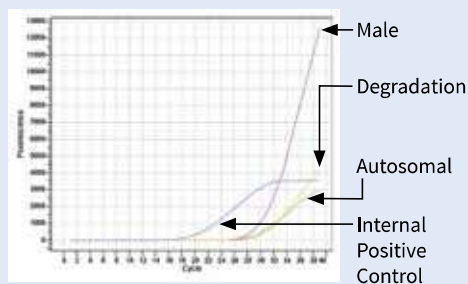
Bone DNA



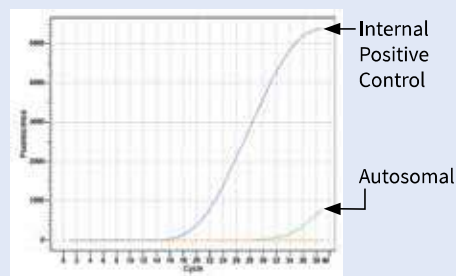
Insta NX® Mag32
(LA1096)



Blood-stained fabric

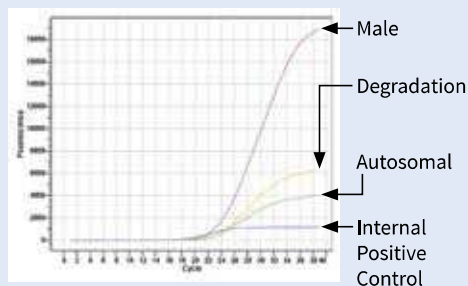


Bone DNA

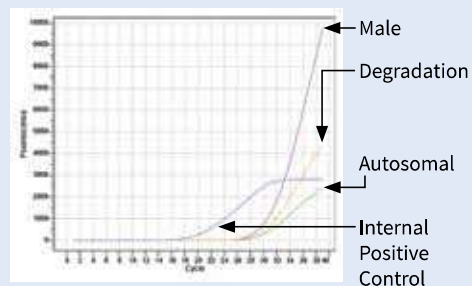


Insta-Q96® 6.0
(LA1074)
Real-Time PCR System

Nail clip



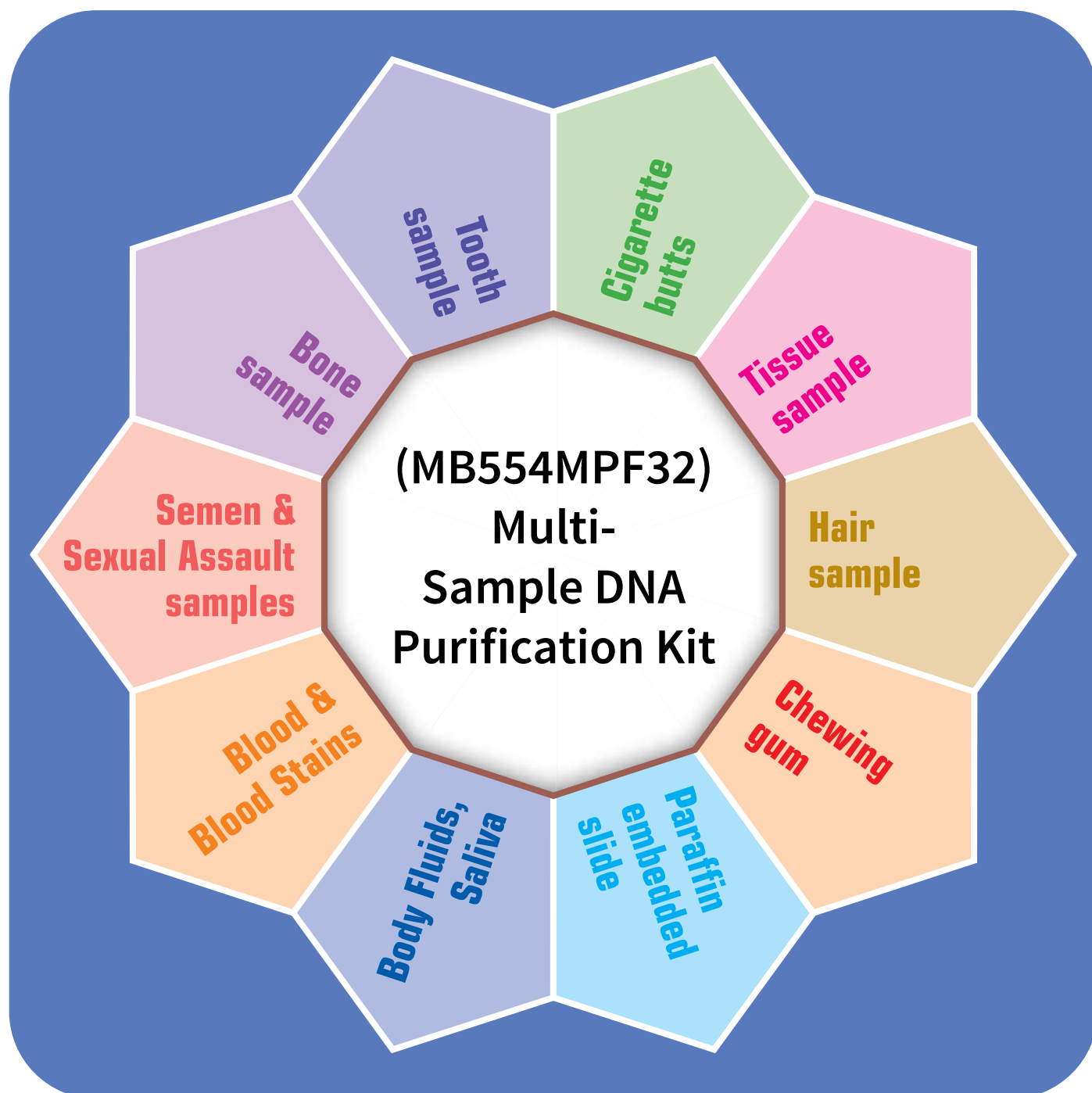
Blood DNA



Disclaimer: The images/graphs presented here are for representation purposes only and are obtained by using a standard human DNA quantification kit.

One Stop Solution

in Forensic Extraction Kits



Specifications of Insta NX[®] Mag32

Specifications	
Product Name	Insta NX [®] Mag32
Product Code	LA1096
Certifications	CE-IVD approved
Sample Capacity	1 to 32
Minimum sample volume	25 to 200 µL
Elution Volume	20 to 100 µL
Consumables	96 Deep well plate + 8 Well Magnetic rod's tip
Working principle	Magnetic beads method
Purification accuracy	100 copy sample positive rate > 95%
Stability	CV<5%
Magnetic beads recycling rate	>95%
Lysis temp	Ambient temperature ~120°C
Elution temp	Ambient temperature ~120°C
Mixing	Mixing ways can be editable
Operation interface	7-inch touch screen, 3 shortcut buttons and mouse is available
Internal, in-built memory	8 groups of preset protocols, 100 groups of protocols can be stored
Protocol management	New, Edit, Delete, Save as Template, Create.
Expansion interface	Standard USB, Ethernet port and RS 232 available
Lighting	Yes
Sterilization/Decontamination	Inbuilt UV light
Cross contamination	No cross contamination
Exhaust way	By Fan
Data storage	Available, with built-in SD card
Electrical requirements	450W, 220V AC, 50Hz
Dimension	400mm × 470mm × 450mm
Weight	25Kg
Performance	High yield with good quality DNA to generate STR profile
Generation of Aerosol, spillage	No
Facility to read barcode	Available



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