



FORENSIC SCIENCES DEPARTMENT
(Government of Tamil Nadu)

Dr.N.MAHALAKSHMI, MSc.,PhD.,
DIRECTOR i/c

30-A, Kamarajar Salai,
Mylapore,
CHENNAI – 600 004
TAMIL NADU, INDIA
Ph: 044 – 2844 7767
E-mail: fsddirector@gmail.com
forensic@tn.nic.in

VALIDATION CERTIFICATE

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To whom it may concern

With reference to the Memorandum of Understandings (MoU) between **Tamil Nadu Forensic Sciences Department and HiMedia Laboratories Private Ltd.**, the following HiMedia products related to Forensic Sciences have been subjected to nuance **validation** procedure at **NABL accredited DNA division** of Tamil Nadu Forensic Sciences Department, Chennai.

- HiGenoMB[®] Insta NX[®] Mag32 Automated Nucleic Acid Extractor (#LA1096)
- HiPurA[®] Multi Sample Pre-filled Plates for Insta NX[®] Mag32 (#MB554MPF32200)

Complying with the **SWGDM and ENFSI** guidelines, utility and performances of kits, chemicals and instruments above-mentioned were meticulously monitored by an expert committee that inferred the following observations.

- Substantial amount of DNA with the highest yield and purity was extracted effectively from diverse sources such as Blood, Blood stains, Tissues, Hair, Nail Clippings, Tooth, Semen stains, Bones, etc.
- DNA could be obtained even from decomposed bone and tissue samples in required quantities as comparable to other existing extraction systems.
- Extracted DNA could generate expected contamination-free STR profiles using standard amplification kits such as AmpFLSTR[™] Identifiler[™] Plus, Global Filer, Powerplex[®] Fusion 6C System, VersaPlex[®] 27PY System, YFiler[™] Plus with high accuracy, reproducibility, precise in size (APHR).
- Hence, the instrument above-mentioned along with the other mentioned kit(s) are recommended for forensic casework, paternity testing, and other human identity testing applications.


Dr. N.Mahalakshmi

Director (I/C)

Director

Forensic Sciences Department
Chennai-600 004