

**Installation Certificate/Training/Performance Certificate**

**Contact details of customer**

Customer Name & Institute/Lab Address	DNA Division, Regional Forensic Science Laboratory, Pune
Name of User	Ms.Jyoti Divate, Assistant Director
E-mail Address	rfslpunedna@gmail.com
Mobile Number	8484992688

**Experiment Details**

Extraction Name with Code No, Lot No	MB554MPF32200-10No-HiPurA Multi Sample Prefilled plates for <b>InstaNx<sup>®</sup> Mag32 Nucleic Acid Purification System-LA1096(0000517522)</b>
RT PCR Kit Used with code no, Lot No	1)MBPCR184 Hi-PCR <sup>®</sup> Cow Detection Kit (Real-Time Probe Based PCR)-0000514741 2)MBPCR185 Hi-PCR <sup>®</sup> Buffalo Detection Kit (Real-Time Probe Based PCR)-0000514742 3)MBPCR186 Hi-PCR <sup>®</sup> Cattle Sex Determination Kit (Real-Time Probe Based PCR)-0000514744
Instrument Name, Code and Lot No	ABI7500 Fast Real-time PCR System-4351106 (Sr.No-275009139), Quant studio 5 Real time PCR System(Sr.No-272528633) and <b>InstaNx<sup>®</sup> Mag32 Nucleic Acid Purification System-LA1096</b> system-LA1096(Lot No-154-25929-20120011)
Protocol Followed	For <b>InstaNx<sup>®</sup> Mag32 Nucleic Acid Purification System</b> , -MB554MPF32200-10No kit with FORENSIC program on <b>InstaNx<sup>®</sup> Mag32 &amp; ABI7500 Fast Real-time PCR System</b> and Quant studio 5 Real time PCR system-HID real Time PCR analysis software version 1.3.
Sample Type	Tissues
Sample Numbers	16

**Result Summary**

Experiment Report	Run file
Methodology	DNA was extracted from 16 Forensic Animal tissue samples by <b>InstaNx<sup>®</sup> Mag32</b> . As per protocol given in MB554MPF32200-10No-HiPurA Multi Sample Prefilled plates for <b>InstaNx<sup>®</sup> Mag32</b> and analyzed on ABI7500 Fast Real-time PCR System -HID real Time PCR analysis software version 1.3 with use of HiMedia's Cow, Buffalo and Cattle Sex Determination Real-Time PCR kit. HiMedia's Cow, Buffalo and Cattle Sex Determination Real-Time PCR Master mixes prepared according to manufacturer instructions. Targeted genes of Cow, Buffalo, X and Y chromosome detection with Internal Control of respective Kit were utilized to analyze <b>COW, BUFFALO and CATTLE SEX DETERMINATION</b>
RESULTS	Among the COW samples with its representative sex determination, evaluated previously by MyLab Real-Time PCR kit was found same COW with its representative Sex determination by HiMedia's Real-Time PCR Kit (MBPCR184 and MBPCR186) Among the Buffalo samples with its representative sex determination, evaluated previously by MyLab Real-Time PCR kit was found same Buffalo with its representative sex determination by HiMedia's Real-Time PCR Kit (MBPCR185 and MBPCR186)
CONCLUSION	Results are Concordant and Satisfactory
Evaluation Date	02/03/2022 and 03/03/2022

Sign and Seal of Customer:

*Pirate*

**(J. P. Divate)**  
Assistant Director

Regional Forensic Science Laboratory,  
Home Dept., Govt. of Maharashtra, Pune-07

Admin. Address.: 23, Vadhani Ind. Est., LBS Marg, Mumbai-400086, India.  
Tel: 00-91-22-6116 9797 / 2500 1607 / Fax: 00-91-22-2500 2286

CORPORATE OFFICE - A-516, Swastik Disha Business Park, Via Vadhani Ind Est, LBS Marg, Mumbai - 400 086, India  
Tel: 00-91-22-6147 1919 / 2500 3747 / Fax: 00-91-22-6147 1920 / 2500 5764 Email: hdmexpo@himedialabs.com  
Web: www.himedialabs.com

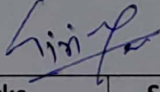
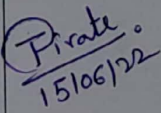
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### Installation Certificate/Training/Performance Certificate

This is to certify that instrument /equipment is installed successfully. The installation site and primary contact information are documented in below table

Model Name with product Code		InstaNx® Mag32 Nucleic Acid Purification System-LA1096		
Instrument Serial number		154-25929-201050038		
Date of Installation		14/06/2022 and 15/06/2022		
Name of Primary Contact		Ms.Jyoti Divate, Assistant Director		
Primary contact phone number		8484992688		
Installation Site (Lab / Dept.)		DNA Lab		
Name of Institution		DNA Division, Regional Forensic Science Laboratory, Pune		
Address		Regional Forensic Science Laboratory, Pune (RFSL), Pune University, Ganeshkhind, Pune, Maharashtra 411007		
Warranty Period		1 year		
Installed By		Signature		Date/Time
DR. GIRISH PAI				15/06/2022, 5.00PM
Name of Customer	Institute	Remarks	Signature	Date/Time
Ms.Jyoti Divate, Assistant Director	DNA DIVISION, REGIONAL FORENSIC SCIENCE LABORATORY, PUNE	Satisfactory	 15/06/22	16/06/2022, 5.00 PM

#### Description of Work Performed:

The Users were trained on InstaNX® Mag32 - Automated Nucleic Acid Purification System - LA1096. Forensic Animal Tissue samples were processed according to HiMedia Laboratories' Prefilled kit- MB554MPF32200-10No-HiPurA Multi Sample Prefilled plates for InstaNX® Mag32 for Forensic analysis Purpose.

Extracted DNA from Forensic sample were then analyzed on ABI7500 Real Time and Quantsudio 5- HID real Time PCR analysis software version 1.3 for HiMedia Laboratories' Cow (MBPCR184), Buffalo (MBPCR195) and Cattle Sex Determination Kit (MBPCR186) Real-Time PCR kits.

The users were demonstrated and hands-on training of creation, usage, and analysis of the software with interpretation of the data of the following below mentioned Real-Time PCR kits:

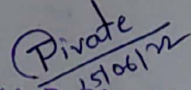
- 1) MBPCR184 Hi-PCR® Cow Detection Kit (Real-Time Probe Based PCR),
- 2) MBPCR185 Hi-PCR® Buffalo Detection Kit (Real-Time Probe Based PCR),
- 3) MBPCR186 Hi-PCR® Cattle Sex Determination Kit (Real-Time Probe Based PCR)

User Provided samples were extracted, ran, and analyzed on Instruments successfully.

Seal of Customer:

Admin. Address. : 23, Vadhani Ind. Est., LBS Marg, Mumbai-400086, India.  
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