



अखिल भारतीय आयुर्विज्ञान संस्थान, नागपुर
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NAGPUR

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No. AIIMS/NGP/PC/DCM/IOCO/51

Date: 06/05/2026

Invitations for Comments / Objections

Subject: Procurement of 'Truelab Real Time Micro PCRT/RTPCR system' for Community Medicine Departments on Proprietary basis at AIIMS Nagpur – Inviting comments/Objection thereon.

The Institute is in the process for procurement of 'Truelab Real Time Micro PCRT/RTPCR system' for Community Medicine Departments at AIIMS Nagpur on Proprietary basis from M/s Molbio Diagnostics Limited, Goa who is Self-Original Equipment Manufacturer (OEM). PAC certificate of OEM along with authorization letter attached.

The above documents are being uploaded for open information to submit objection / comments, if any from any manufacturer regarding proprietary nature of the above said items **within 14 days from the date of issue of the notification**. The comments should be sent to **Research Cell, 4th floor, Medical College Building, AIIMS Nagpur** by post or through e-mail on given email id within working hour of Institute. If last date is Sunday or holiday, next working day will be considered last date of submission. Failing which, it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

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Administrative officer - I

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AIIMS, Nagpur

Enclosure:

i) Proprietary Article Certificate from OEM

PROPRIETARY ARTICLE CERTIFICATE

This is to certify that Molbio Diagnostics Limited, (Factory) Plot No. L 46, Phase II D, Verna Industrial Estate, Goa - 403 722, is the manufacturer and marketer of the Patented "Truelab[®] Real Time micro-PCR/RTPCR system" comprising of the Truelab[®] workstation and the Trueprep[®] AUTO reagents along with Truenat[®] micro-PCR/RTPCR chips.

Both the Truelab[®] Real Time micro-PCR Analyzer and the Truenat[®] micro-PCR/RTPCR chips are protected by International Patents & Patent Pending and corresponding claim of any foreign counterpart(s) thereof, and hence the said products are proprietary in nature.

For Molbio Diagnostics Limited,



Authorized Signatory

Mr. Shiva Sriram

President - Business Development

Dated: 28/01/2026

Truenat[®] HPV-HR Plus	
Application	<p>Truenat[®] HPV-HR Plus (REF 601840005 / 601840025 / 601840050) is an automated point-of-care or near patient chip -based Real Time Duplex Polymerase Chain Reaction test for the semi-quantitative detection of high-risk Human Papillomavirus (HPV) types 16/18 & 31/33/35/45/52/58 in female cervical swab specimens collected by a clinician. It aids in the differential diagnosis of high-risk HPV types 16/18 & 31/33/35/45/52/58.</p> <p>Truenat[®] HPV-HR Plus runs on the Truelab[®] Real Time Quantitative Micro PCR Analysers. Truenat[®] HPV-HR Plus is a single-use in vitro diagnostics test meant for professional use in near-patient, laboratory or any healthcare settings, by healthcare or any professional user appropriately trained by a representative of Molbio Diagnostics.</p>
Type of process	Chip-based Real time PCR for molecular testing
Compatibility of reagent	Closed system
Time taken to deliver results (in minutes)	60 minutes (20 minutes for extraction and 40 minutes for amplification)
Type of Reaction Chamber	Disposable microchip
Operating temperature range of the reaction chamber	40 - 100 degree C
Features of reaction chamber	Reaction chamber includes lyophilized PCR reagents in microtube for the semi-quantitative detection of high-risk Human Papillomavirus (HPV) types 16/18 & 31/33/35/45/52/58
Packing	Individually sealed pouches in the kit containing (1) micro PCR chip and (2) dried down PCR reagents in

	microtube
Sample Preparation Kit	Trueprep [®] AUTO Universal Catridge Based Sample Preparation kit
Reagents	Lyophilized (freeze-dried) PCR reagents in micro-tube
Flash Memory	Flash memory of the chip retains batch information and standard curve values for automatic semi - quantitative determination
Reusability of Chip	Non-reusable. Expired and used chip is detectable by flash memory and are flagged.
Disposability of the Chip	Chips are suitable for disinfection and disposable as per applicable biomedical waste management rules and are not infective after use.
Components to be supplied with chips	Trueprep [®] AUTO Universal Catridge Based Sample Preparation Kit, Trueprep [®] AUTO Universal Sample Pre-treatment Pack and individually sealed pouches with micro PCR chip and dried down PCR reagents in microtube
Auto Universal Catridge based sample preparation kit components	(1) Reagent pack containing ready to use buffers for sample extraction, (2) catridge pack with microfluidic principle to move sample and buffers through proprietary matrix for extracting nucleic acids from the sample and (3) disposable transfer pipettes (3ml)
Contents of Sample pre treatment pack	Lysis buffer to lyse the cells and release nucleic acids, Graduated disposable transfer pipettes (1ml)
Dnase & Rnase free filter pipette tip	Yes
Desiccant pouch	Yes
stability of chips at room temperature	Yes; 2-30 Degree C
Process capability of HPV-HR Plus Chip	Chip can perform Real Time Polymerase Chain Reaction test for semi-quantitative detection of high-risk Human Papillomavirus (HPV) types 16/18 &

	31/33/35/45/52/58 in female cervical swab specimens collected by a clinician.
Target sequence for HPV-HR Plus Chip	L1 and E7 genes
Reagent pack size containing ready to use buffers for sample extraction	25 Tests/50 Tests
Cartridge pack size with a fluidic cartridge to move sample and buffers through a proprietary matrix for extracting nucleic acids from the sample	25 Tests/50 Tests
No of Disposable transfer pipette	25 Tests (25 X 1mL), 50 Tests (50 X 1mL) and 25 Tests (25 X 3mL), 50 Tests (50 X 3mL)
Lysis buffer to lyse the cells and release nucleic acids	5 Tests / 25 Tests / 50 Tests
Micro PCR chip pack size for Real Time PCR of HPV-HR Plus	5 Tests / 25 Tests / 50 Tests