

Point-of-Care Assay for Nipah Virus Detection

Domain: Diagnostic Assay/Kit

About Technology: This microchip-based Truenat Nipah test uses a portable, lightweight, battery-operated PCR analyser that makes testing possible even in remote or point-of-care settings. It works with the Trueprep AUTO, a universal cartridge-based system for sample pre-treatment and nucleic acid extraction, ensuring quick and efficient sample processing. The test was developed through a collaboration between ICMR-NIV and Molbio Diagnostics, Goa

Intended Use: Rapid diagnosis of Nipah in remote or field settings, supporting timely patient management and helping to prevent further spread of the virus



Advantages:

- Rapid Battery-operated device can be used on-site

IP Status: Granted (Indian Patent No. - 222246 and 192055)

Development Status: Third party validation complete

Technology Transfer Status: Transferred to companies on Non-Exclusive basis (Some licensees have already received Manufacturing License and Emergency use approval by CDSCO)

Institute(s): ICMR-National Institute of Virology (NIV) and Molbio Diagnostics Goa

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