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HiMedia receives ICMR-NIV validation for Hi-PCRÂ® Monkeypox Virus Multiplex Probe PCR Kit

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HiGenoMB, the Molecular Biology Division of Mumbai-based HiMedia Laboratories, has announced that its Hi-PCR Monkeypox Virus Multiplex Probe PCR Kit (MBPCR269) has been successfully validated by the Indian Council of Medical Research (ICMR)-National Institute of Virology (NIV), Pune. This recognition marks a significant milestone in HiMedia's continued efforts to deliver high-quality, reliable molecular diagnostic solutions.

The Hi-PCR® Monkeypox Virus Multiplex Probe PCR Kit is designed for the sensitive and specific detection of the Monkeypox virus in clinical samples. These samples may include skin lesion materials, exudates, lesion crusts, lesion surfaces & oropharyngeal swabs. This advanced real-time PCR system uses hydrolysis probe technology for precise identification of Monkeypox virus, effectively distinguishing it from other orthopoxviruses.

The kit is capable of detecting both Clade I and Clade II of the Monkeypox virus. Developed for professional use, the kit is intended for trained clinical laboratory personnel skilled in real-time PCR and in-vitro diagnostic techniques.

The system targets specific regions of the Monkeypox virus (MPXV) and orthopoxvirus gene (POPV), and includes a human internal control (IC) to ensure test reliability. Results are visualized through three fluorescent channels: FAM for MPXV, JOE for POPV, and Texas Red for the internal control.

Dr Rajas Warke, the visionary behind HiGenoMB, emphasised the importance of accessible diagnostics in the global fight against emerging infectious diseases. He reaffirmed his commitment to providing high-quality, affordable Monkeypox PCR kits worldwide to support public health systems and clinical laboratories in tackling the spread of the virus.