

# Cervical Cancer Care

## Human Papilloma Virus Genotyping

**Are you  
in the pink  
of your  
health?**



Hi-PCR<sup>®</sup> Human Papilloma Virus (HPV)  
Genotyping (16,18 & 45 Multiplex)  
Probe PCR Kit (MBPCR258)

Human Papilloma Virus (HPV) belongs to a family of over 200 viruses, it is a DNA virus and is the most common sexually transmitted infection.

HPV test detects the presence of human papillomavirus, that can lead to the development of precancerous condition or cervical cancer.

Almost all cervical cancer cases (99%) are linked to High-risk HPV types 16, 18 and 45.

# Sample Collection

## MBLA007 - HiPurA® Cervical Specimen Collection Kit (Liquid Cytology Collection Kit)

Essential tool in sample collection for PAP test.

### Salient features

- 100% safe sample collection
- Ready to use
- Easy and safe transport



## Now Extraction made easier with.....

### HiPurA® Viral Nucleic Acid Purification Kit

#### Manual Extraction Kits (Column based)

MB582 - HiPurA® Viral DNA/ RNA Purification Kit

MB575 - HiPurA® Viral DNA Purification Kit

#### Manual Extraction Kit (Magnetic Bead Based Non Pre-filled format)

MB582M - HiPurA® Viral Nucleic Acid Purification Kit

#### Magnetic Automated Extraction Kits (Magnetic Bead Based Pre-filled format)

MB582MPF-16 - HiPurA® Pre-filled Plates for Viral Nucleic Acid Purification [For Insta NX® Mag16 Series]

MB582PC16 - HiPurA® Pre-filled Cartridges for Viral Nucleic Acid Purification [For Insta NX® Mag16 Series]

MB582MPF-32 - HiPurA® Pre-filled Plates for Viral Nucleic Acid Purification [For Insta NX® Mag32 Series]

MB582MPF-96 - HiPurA® Pre-filled Plates for Viral Nucleic Acid Purification [For Insta NX® Mag96]

## Insta NX® Mag Automated Nucleic Acid Extractor



### Insta NX® Mag16<sup>Plus</sup> (MBLA018)



Pre-filled Plates



Pre-filled Cartridge  
for Single Sample Processing

### Insta NX® Mag32<sup>Plus</sup> (MBLA019)



Ready-to-use



Time Saving

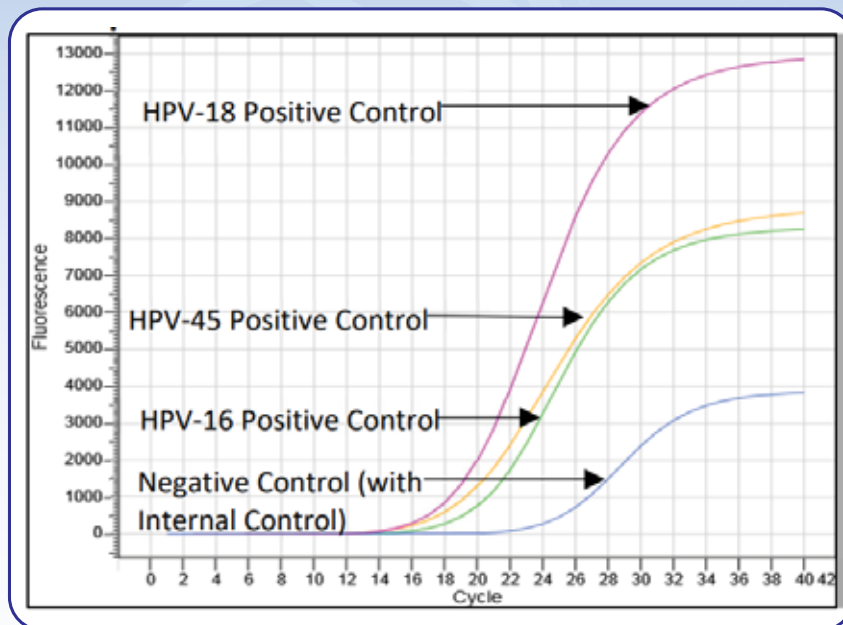


Shelf Life



Room Temp. Storage

# Multiplex Real-Time PCR detection of most prognostic cancerous HPV mutations



**Hi-PCR® HPV Genotyping Multiplex Probe PCR Kit (MBPCR258)**

## Real-Time PCR System Insta Q96® - 6.0 (LA1074)



## Sample required for HPV testing

An HPV test can be done using the same liquid cytology sample as the Pap test or by collecting a second sample from the cervical canal, Formalin fixed paraffin embedded (FFPE) tissue specimen

## Performance Evaluation

### Analytical Sensitivity

#### Limit of Detection (LoD)

The detectable limit of the Hi-PCR® Human Papilloma Virus (HPV) Genotyping (16, 18 & 45 Multiplex) Probe PCR Kit on Insta Q96® Real Time instrument is ~10 copies/reaction.

### Analytical Specificity:

The Hi-PCR® Human Papilloma Virus (HPV) Genotyping Probe PCR Kit is 100% specific for the known HPV Genotypes 16, 18 and 45. The analytical reactivity has been confirmed by wet lab testing against Quantitative synthetic DNA standards from ATCC (VR-3240SD, VR-3241SD) and SiHa and Ca Ski commercial cell lines.



## Hi-PCR® Human Papilloma Virus (HPV) Genotyping (16,18 & 45 Multiplex) Probe PCR Kit (MBPCR258)

Kit is compatible with QuantStudio™ 5, Applied Biosystems™ 7500, Bio-Rad CFX Opus, Rotor-Gene® Q/Corbett Rotor-Gene® 6000, Roche LightCycler® 96, AriaMx and Alta RT-96/48 Real-Time PCR system

# Why should HPV testing be done?

- In 2020, more than 6,00,000 women worldwide suffered from cervical cancer & approx 342,000 died from the disease
- Cervical cancer is proven to be a **preventable** and **treatable** disease
- A fast and accurate screening plan is critical for early detection & prevention of cervical cancer



## Importance of HPV diagnosis

When diagnosed, cervical cancer is one of the most successfully treatable forms of cancer, as long as it is detected early and managed effectively. With a comprehensive approach to prevent, screen and treat, cervical cancer can be eliminated as a public health problem within a generation.



For Life is Precious

HiMediaLaboratories™

[www.himedialabs.com](http://www.himedialabs.com)

Plot No. C-40, Road No. 21Y, MIDC, Wagle Industrial Estate, Thane (West) - 400604,  
Maharashtra, INDIA. Tel : +91-22-6147 1919 / 6116 9797 / 6903 4800  
Fax : +91-22-6147 1920 | Email : [info@himedialabs.com](mailto:info@himedialabs.com) / [mb@himedialabs.com](mailto:mb@himedialabs.com)



... expect only quality from us™

