

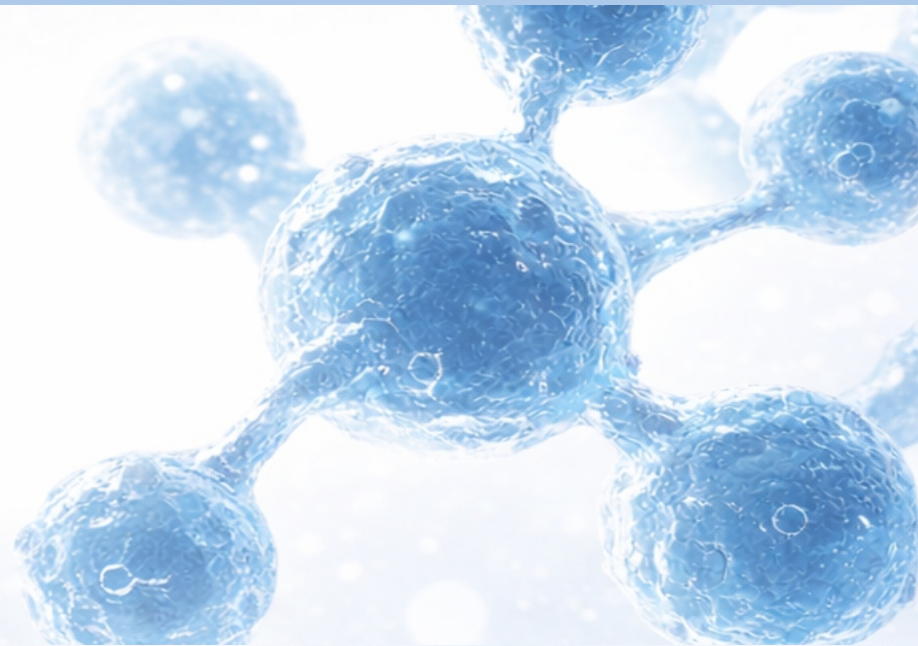
# Genplex<sup>TM</sup>

## HUMAN PAPILOMA VIRUS

### Qualitative RT-PCR Detection Kit

#### Human Papilloma Virus (HPV 16 & 18)

Genplex<sup>TM</sup> RT-PCR Kits offer efficient qualitative clinical diagnosis of patient specimens for the detection of Human Papillomavirus (HPV), associated with cervical infections, precancerous lesions, and cervical cancer risk, enabling early screening and management of HPV-related conditions.



Qualitative  
Detection



High Accuracy



Fast RT-PCR Assay



Results Interpretation



## Genplex™ Human Papilloma Virus ( HPV 16 & 18 )


### Qualitative RT-PCR Detection Kit

Human Papillomavirus (HPV) is a DNA virus that infects epithelial cells, including those of the skin and mucosal surfaces. While many HPV infections remain asymptomatic and self-limiting, certain high-risk genotypes are associated with significant clinical outcomes.

HPV is recognized as a major etiological agent in the development of genital warts and various malignancies, including cervical, vaginal, penile, and oropharyngeal (mouth and throat) cancers. Transmission primarily occurs through direct skin-to-skin contact, including sexual contact.

**Key Features:** High Sensitivity and Specificity:  $\geq 99\%$   
Broad Instrument Compatibility: Validated for use on commonly available real-time PCR platforms, including FAM/HEX detection channels such as Bio-Rad CFX96, , Qiagen Rotor-Gene, and equivalent systems

**Types:** Vaginal swabs and cervical swabs



## Genplex™ HPV 16&18 Real Time PCR Kit

A comprehensive real-time PCR in vitro diagnostic assay designed for the qualitative detection and differential identification of high-risk Human Papillomavirus (HPV) genotypes 16 and 18 in DNA extracted from clinical specimens.

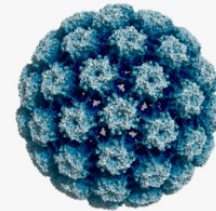
This assay enables accurate detection of HPV 16 and HPV 18, the most clinically significant high-risk genotypes associated with cervical and other anogenital cancers.

## Genplex™ HPV 16 & 18 Real Time PCR Kit

Multiplex diagnostic kit is designed for HPV identification using E6/E7 gene specific targets for 16 & 18 using specific primers and fluorescent labeled probes.

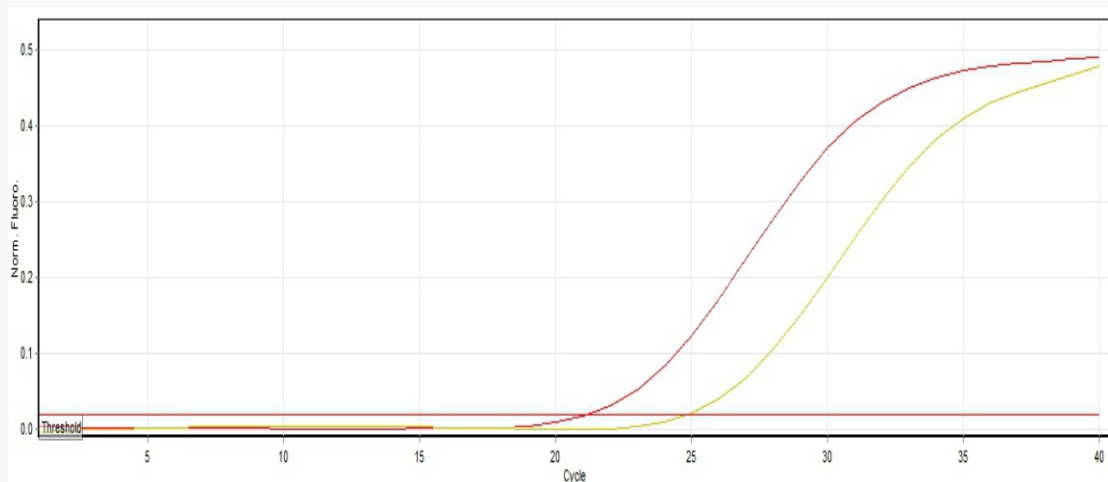
### Qualitative Screening of HPV 16 & 18 High Risk

Allows differential identification of HPV 16, HPV 18



Separate dyes for following HPV :

- HPV 16 (FAM)
- HPV 18 (Cy5)
- Endogenous control (HEX)





## High-Risk HPV Detection (16 & 18)

Qualitative Detection | High Sensitivity | Fast RT-PCR Assay

This kit is designed for qualitative detection of high-risk Human Papillomavirus genotypes HPV 16 and HPV 18 from clinical samples.

### Key Features:

- High sensitivity and specificity
- Internal control included
- Fast and reliable results
- Compatible with multiple PCR platforms

### Intended Use:

Qualitative detection of HPV 16 and HPV 18 DNA in cervical and vaginal samples. For IVD use only.

## Ordering Information

| Product Name  | Cat No.                | Pack Size |
|---|------------------------|-----------|
| GENPLEX™ Human Papilloma Virus Detection 16 & 18 RT-PCR KIT (Multiplex) | GP1030-48<br>GP1031-96 | 48<br>96  |
| GENPLEX™ Human papilloma virus (HPV) Detection 16 & 18 Kit (Singleplex) | GP1030-48<br>GP1031-96 | 48<br>96  |



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