

# HPV-Q

## Human Papilloma Virus

### Detection Solutions

DNA viral infection caused by Human Papilloma Virus (HPV) infects various human cells including skin and epithelial mucosal cells. Some HPV infections cause no symptoms while others are highly pathogenic. Among different types of HPV, some leads to serious health problems, including genital warts, pre-cancerous lesions, mouth/ throat, cervical, vaginal and penile cancers which may be transmitted either via skin to skin contacts or sexual transmission.

### HPV-Q Comprehensive Real Time PCR Kit

- Qualitatively detect the DNA of 28 types of HPV in Human specimens
- Detects HPV genotypes : 16, 18, 31, 33, 35, 39, 40, 45, 51, 52, 56, 58, 59, 68, 26, 53, 54, 61, 66, 73, 82, 83, 6, 11, 42, 43, 44 or 81

Commercial Name	Cat No.
Human Papilloma Virus (HPV) Q Real Time PCR Kit	G2M706721
HPV-Q comprehensive Real Time PCR Kit	G2M803921

# Human Papilloma Virus (HPV-Q)

## Real Time PCR Kit

Multiplex diagnostic kit is designed for HPV identification using conserved regions of potent genes for 14 High Risk Genotypes using specific primers and florescent labeled probes.

### Key Features

**High Sensitivity & Specificity :  $\geq 98\%$**



**Sample Source**

Cervical Swab/Vaginal Swab



**Qualitative screening of High Risk Genotypes**



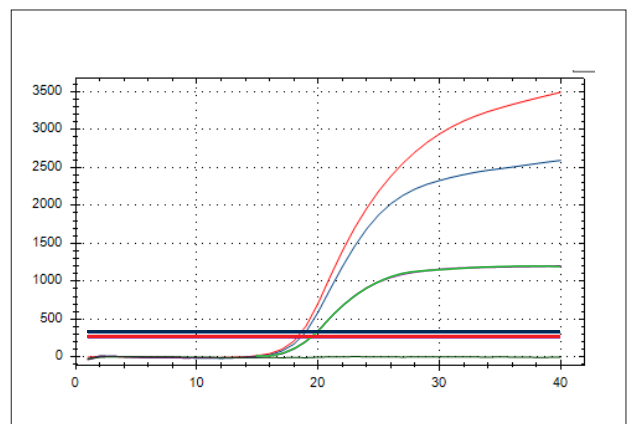
**Compatible With Commonly Available Instruments**



- Detects 14 high risk HPV genotypes: 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68
- Differentiates HPV 16, HPV 18 and detects 12 high risk HPV genotypes in Human specimens.
- Single Tube Multiplexing of HPV High Risk Genotypes as following:
  - HPV 16 (HEX)
  - HPV 18 (ROX)
  - 12 other HPV genotypes (FAM)
  - Endogenous control (Cy5)

**No Cross Reactivity with other pathogens**

Quantstudio 5, BioRad CFX96, Stratagene/ Agilent MX3000P, Rotor-Gene Q 5plex System, Roche LightCycler® 480, Roche Light Cycler 96 system, RapiCycler 96 Real Time PCR System and instrument calibrated with four dyes (FAM/HEX/TEXAS RED/CY5)



Amplification patterns obtained with the multiplex assay on plasmid DNA ( $10^5$  copies of plasmid/ $\mu\text{L}$ ). The curves were generated by amplification of target specific positive control DNA of pooled plasmids for HPV16, HPV18 and other 12 HR- HPV genotypes.



**GENES2ME**  
Innovating Molecular  
Diagnostics for Billion

**Genes2Me Pvt. Ltd.**

1105, 11th Floor, Tower B, SAS Tower, Medicity,  
Sector - 38, Gurgaon - 122 001, Haryana, India  
Tel : + 91 18001 214030 / + 91 88000 23600  
E-mail : contact@genes2me.com www.genes2me.com

