

# Human Papillomavirus 14 Types Detection Kit (Fluorescence PCR)

## *Intended use*

The Human Papillomavirus 14 Types Detection Kit is a qualitative in vitro test for the detection of Human Papillomavirus (HPV) 14 types DNA in cervical specimens. This test specifically identifies types 16 and 18 while concurrently detecting the other high-risk genotypes include 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66 and 68. The results are only for clinical reference and should not be used as conclusive evidence for the diagnosis or exclusion of diseases.

## *Specification*

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|---|--|
| • <b>Protocol Duration:</b><br>85 minutes         | • <b>Analytical Sensitivity (LoD):</b><br>75 copies/reaction   |
| • <b>Storage:</b><br>-25°C to -15°C               | • <b>Shelf life:</b><br>12 months from the date of manufacture |
| • <b>Packaging Specification:</b><br>48 Tests/Kit | • <b>Sample type:</b><br>Cervical exfoliated cells             |

## *Features:*

- **Multiplex Assay:** 14 types HPV detected.
- **Easy to operate:** Extraction free preparation.
- **Faster detection:** 85minutes from sample to result.



Reagent Name	Specification	Quantity
HPV14 B-S	1500μL/tube	1 tube
HPV14 P-P	250μL/tube	1 tube
HPV14 N Ctrl	200μL/tube	1 tube
HPV14 P Ctrl	200μL/tube	1 tube

## Wide range of applicable models:

It is suitable for ABI, Roche, Bio-Rad, Bioer, Hongshi, Molarray and similar multi-channel fluorescent PCR.

## Equipment on sale

### 1. Real-time Fluorescence Quantitative PCR Analyzer- OG P100

#### Characteristics

- General consumables matching, easy to use
- No moving parts, no need to calibrate regularly
- Fast mode can complete the test in 20 minutes
- 10 inch screen is easy to operate and save space
- Self owned special chip to optimize instrument structure
- Independent research and development, flexible combination and customization



### 2. HG-P320 Real-time PCR system

#### Characteristics

- Small size, light weight, easy to carry.
- The experimental results can be exported directly.
- 4.7-inch high-definition TFT color touch screen, and embedded operating system.
- 4 channels and double 16-well blocks design, can run two different programs at the same time.
- Powerful software analysis function, which can be used for Quantitative Analysis, Melting Curve Analysis, etc.



### 3. HG-P960 Real-time PCR system

#### Characteristics

- Automatic pop-up sample bin
- Intelligent adjustable hot cover
- 6 partition thermal cycling module
- Full adaptable software system
- Top imaging photoelectric detection



### 4. Maverick qPCR MQ4164

#### Characteristics

- No need to send samples to the laboratory for testing
- No need to worry about the environment outside the laboratory
- No need for expensive and cumbersome instrument calibration

