



源起健康

BIO-KEY

HPV16+18 Real Time PCR Detection Kit (Lyophilized)

Quality first

High-end services



Summary of background

According to the Burden of Cancer 2020 report, there are more than 600,000 new cases of cervical cancer worldwide and more than 340,000 deaths. In China, there were 109,700 new cases and 59,900 deaths of cervical cancer in 2020, ranking sixth among women in the country. It is reported that the current screening coverage rate in China is less than 40%, which is still a big gap in the face of the strategic target of eliminating cervical cancer in 2030 proposed by WHO.

Product features

1. Quality control in the sampling process:

Internal standard whole process monitoring, effectively avoid false negative.

2, with anti-pollution system: effectively prevent false positive results caused by product pollution.

3, fully adapted preservation solution:

One sampling, compatible with HPV testing and cytology, reducing patient recall, saving sampling and patient management costs.

4, more comprehensive and accurate detection type coverage:

Accurate coverage of 16+18 genotypes, to meet the needs of various clinical applications.



源起健康

Quality first

High-end services



HPV16+18 Real Time PCR Detection Kit (Lyophilized)

This kit is used for qualitative detection of human papillomavirus (HPV) types 16 and 18 using real-time fluorescence quantitative PCR. It can be used for laboratory diagnosis and monitoring of viral infections. Specific primers and specific fluorescent probes were designed for the conserved region of HPV16+18. PCR reaction solution, real-time fluorescence quantitative PCR detection technology is applied to the fluorescence quantitative PCR instrument, through the change of fluorescence signal to achieve rapid detection of HPV16+18; The detection system contains human internal control (IC) gene, which is used to monitor whether the specimen and nucleic acid extraction process is qualified.

Product component

| SN | Composition | BIK-QL-H005 | BIK-QL-H005S |
|----|----------------------------------|---------------|---------------|
| 1 | PCR enzyme mixture (lyophilized) | 96T/bottle | 48 T/bottle |
| 2 | HPV primer-probe mixture | 100 μL/bottle | / |
| 3 | Enzyme mixture buffer (5×) | 400 μL/bottle | / |
| 4 | Positive control | 100 μL/bottle | 100 μL/bottle |
| 5 | Negative control | 100 μL/tube | 100 μL/tube |
| 6 | Seedless water | 100 μL/tube | 100 μL/tube |
| 7 | Paraffin oil | 1.5mL/tube*2 | 1.5mL/tube |

Clinical Practice

1. Cervical cancer screening
2. Population diversion at ASCUS
3. Guidance on colposcopy referral
4. Treatment of cervical lesions and postoperative follow-up
5. Judgment of persistent infection
- 6, genital warts and other HPV-related disease auxiliary diagnosis
7. Guide the use and effect evaluation of HPV vaccine

Product performance

| The product name | HPV16+18 Real Time PCR Detection Kit (Lyophilized) |
|--------------------------------|--|
| Don't test type | Qualitative detection of HPV16 and 18 genotypes |
| Sample type | Cervical exfoliated cell |
| Nucleic acid extraction method | One-step/rapid nucleic acid release technique |
| Nucleic acid sensitivity | 500 copies/ml |

VIP LINE 020-82070210

GUANGZHOU CHINA

Science City Creator Park
www.biokeyhealth.com

