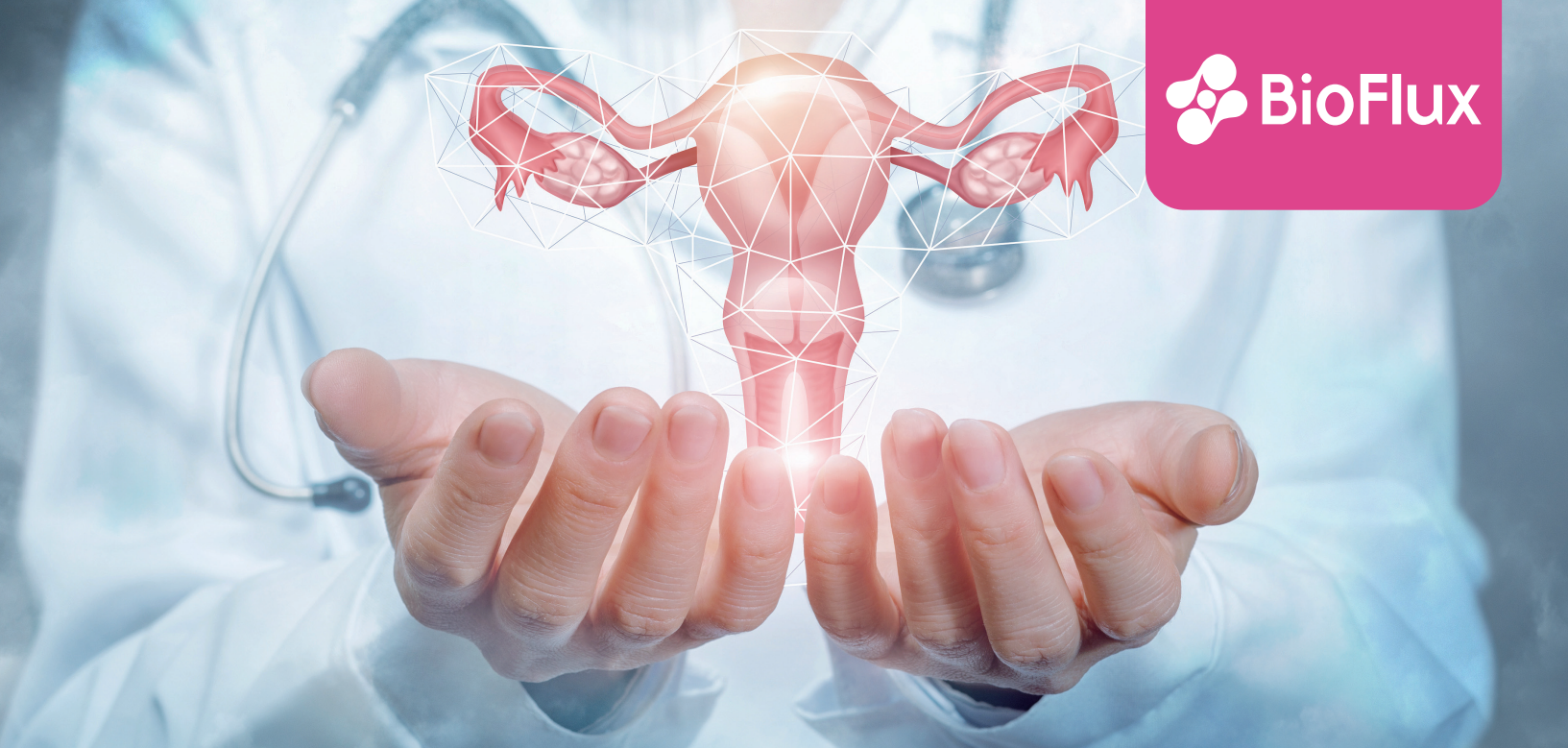




HPV Genotyping Real-Time PCR Kit (Fluorescent PCR)

■ | Product Introduction

Human papillomavirus (HPV) is one of the most common sexually transmitted infections worldwide and is strongly associated with cervical cancer and other HPV-related diseases. Among the identified genotypes, HPV 16 and HPV 18 are recognized as the highest-risk oncogenic types, while several other genotypes are also classified as high-risk HPV.

This kit is a qualitative in vitro diagnostic assay for the detection of Human Papillomavirus (HPV) nucleic acids in cervical specimens collected by healthcare professionals. The assay enables the detection and differentiation of HPV genotypes 6, 11, 16, 18, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66 and 68. In addition, HPV genotypes 26, 73 and 82 can be detected collectively, providing broader coverage for clinically relevant HPV infections.

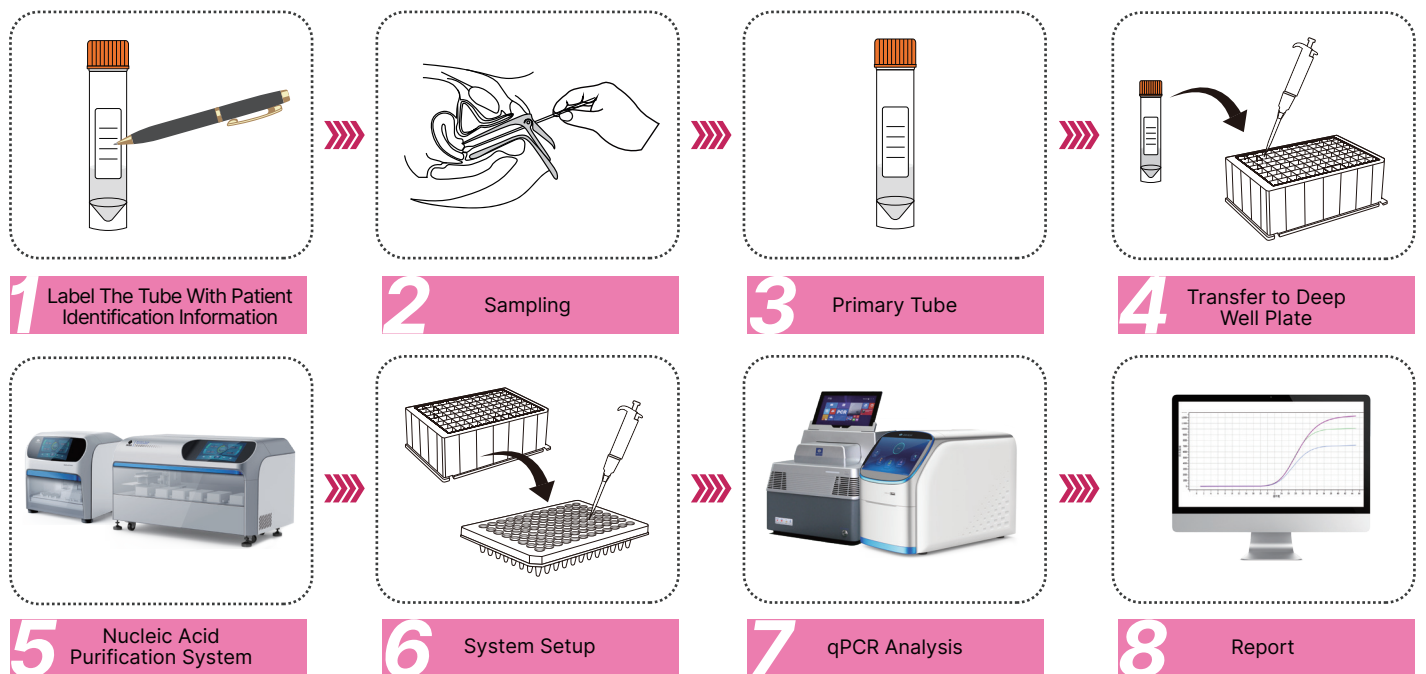
■ | Product Features

- **Simple Operation:** From sample processing to detection, results can be completed within 90 minutes.
- **Ease of Use:** Simplified workflow with minimal hands-on time, reducing operational errors and improving laboratory efficiency.
- **Strong Specificity:** No cross-reactivity with non-target HPV genotypes or other common genital tract pathogens.
- **Internal Control Included:** Human genomic β -Globin gene acts as a non-competitive internal control (IC) to monitor the entire extraction and detection process, ensuring reliable test performance.

Product Specifications

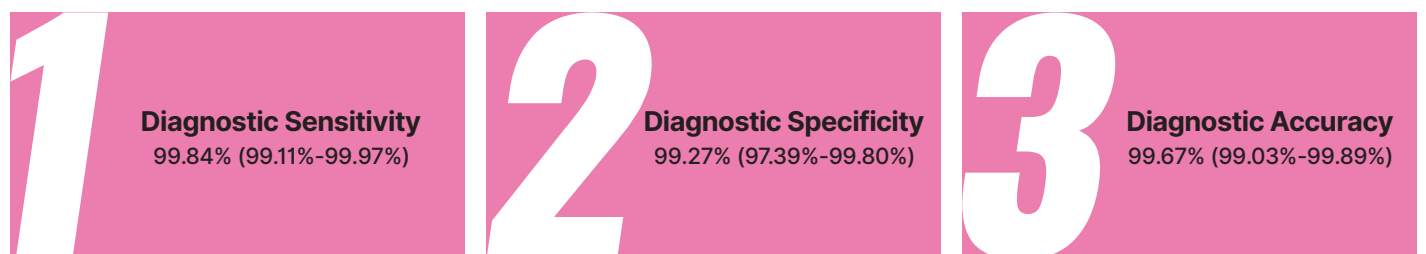
Sample Type	Cervical specimens
Limit of Detection (LoD)	1000 copies/mL
Target Genes	L1 region
Internal Control	Human genome β -Globin gene
Precision	CV < 5%
Compatible Platform	LineGene 9600 Plus (FQD-96A), QuantGene 9600 (FQD-96C)
Validated Collection Kits	BSC93 Universal Transport Medium
Detection Time	$\approx$ 60 min
Storage Condition	-25°C to -15°C away from light

Product Workflow



*Clinical performance was evaluated using 908 clinical specimens across four independent clinical sites.

Clinical Performance



Ordering Information

Product Name	Cat. No.	Package	Storage Condition
HPV Genotyping Real-Time PCR Kit (Fluorescent PCR)	BSJ01M1/L1	48T/96T	-25°C to -15°C away from light

For in vitro diagnostic use only.
For professional use only.



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