



HPV Kit

Make molecular diagnostic safer, faster and easier

Background

Cervical cancer is the fourth most common cancer among women globally, with an estimated 604,000 new cases and 342,000 deaths in 2020. A large majority of cervical cancer (more than 95%) is due to the human papillomavirus (HPV). Two human papillomavirus (HPV) types (16 and 18) are responsible for nearly 50% of high grade cervical pre-cancers. Cervical cancer can be cured if diagnosed at an early stage and treated promptly.

The WHO recommends an HPV DNA based test as the preferred method for cervical screening, compared to visual inspection with acetic acid (VIA) and cytology (commonly known as a 'Pap smear'), HPV DNA tests are more sensitive and objective.

Parameters

Applicable instruments	Automated Fully Enclosed qPCR Instrument: Galaxy Nano1, Galaxy Pro and Galaxy Lite.
Sample Type	Cervical exfoliated cells and genital secretions, Saliva ²
Turnaround Time	Within 1.5 hours for extraction, amplification, and result analysis
Test Method	Magnetic beads extraction, purification, and qPCR method
Storage Condition	2~8°C

1. Galaxy Nano is not compatible with product Cat.No. 101-0062-01.

2. Saliva samples for product Cat.No. 101-0064-01.

A | Product

2 High-risk HPVs

B | Product

18 High-risk HPVs

C | Product

18 High-risk HPVs
2 Low-risk HPVs

Igenesis HPV Kit

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A | Targets

FAM: HPV18
TEXAS RED: HPV16

B | Targets

FAM: HPV18
TEXAS RED: HPV16
HEX/CY5/CY5.5: HPV26,31,33,35,39,
45,51,52,53,56,58,59,66,68,73,82

C | Targets

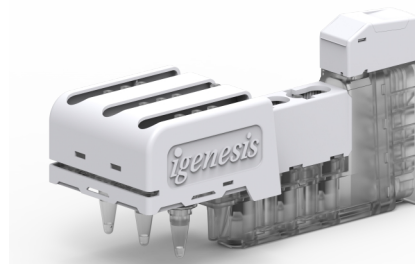
FAM:	HPV51	HPV56	HPV18
HEX:	HPV58	HPV45	HPV26
CY5:	HPV73	HPV59	HPV31
CY5.5:	HPV52	HPV66	HPV33
TEX:	HPV16	HPV53	HPV68
AMCA:	HPV6	HPV11	HPV35
TAMRA:	HPV39	HPV82	

Advantages

- ◆ Fully enclosed iCassette
- ◆ Fully automatic, Minimal hands-on time
- ◆ No need for deep freeze storage or transportation
- ◆ Comprehensive multiplex panels
- ◆ Internal control monitoring the entire process



For Product A&B



For Product C

Workflow



Add sample to the icassette



Insert icassette to instrument



Report result automatically

Ordering

Product	Cat.No.	Specification
Nucleic Acid detection kit for 16&18 human papillomavirus (HPV) genotypes	106-0064-01	12 tests/kit
Diagnostic kit for detecting of 16 High-risk and genotyping of 16&18 human papillomavirus (HPV)	106-0066-01	12 tests/kit
Nucleic Acid detection kit for 18 High-risk and Low-risk 6&11 human papillomavirus (HPV) genotypes	106-0062-01	6 tests/kit



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