Igenesis
Sample in answer out

CE IVD

Igenesis 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 Nano, Galaxy Pro and Galaxy Lite.
Sample Type	Cervical exfoliated cells and genital secretions,Saliva
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

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A | Product
2 High-risk HPVs

B | Product
18 High-risk HPVs

C | Product
18 High-risk HPVs
2 Low-risk HPVs

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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

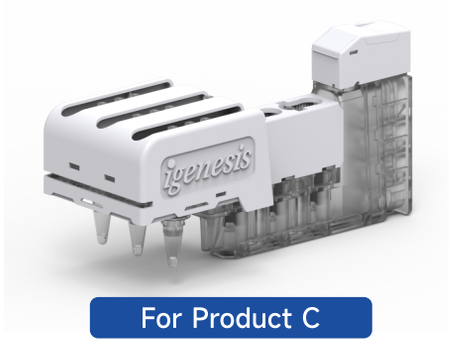
C | Targets
FAM: HPV51 HPV56 HPV18
HEX: HPV58 HPV45 HPV26
CY5: HPV73 HPV59 HPV31
CY5.5: HPV52 HPV66 HPV33
TEX: HPV16 HPV53 HPV68
AMCA: HPV6 HPV11 HPV35
TAMARA: HPV39 HPV82

◎ Advantages

- Fully enclosed iCassette
- Fully automatic,Minimal hands-on time
- No need for freezer storage or transportation

- Fully enclosed iCassette
- Fully automatic,Minimal hands-on time

For Product A&B



For Product C

◎ Workflow

Easy&Fast&Safe

Add sample to the icassette | Insert icassette to instrument | Report result automatically

Ordering Information

	Product	Cat.No.	Specification
A	Nucleic Acid detection kit for 16&18 human papillomavirus (HPV) genotypes	106-0057-01	12 tests/kit
B	Diagnostic kit for detecting of 16 High-risk and genotyping of 16&18 human papillomavirus (HPV)	106-0066-01	12 tests/kit
C	Nucleic Acid detection kit for 18 High-risk and Low-risk 6&11 human papillomavirus (HPV) genotypes	106-0062-01	6 tests/kit