

U-Card Dx™ HPV TEST

HPV AND CERVICAL CANCER

Human papilloma virus (HPV) is the main cause of cervical cancer and is a precursor to cervical intraepithelial neoplasia (CIN). The presence has been implicated in more than 99% of cervical cancers worldwide. HPV is a small, nonenveloped, double-stranded DNA virus, with a genome of approximately 8,000 nucleotides. There are more than 150 different types of HPV, and approximately 40 types of HPV that can infect the human anogenital mucosa. However, only a subset of approximately 14 of these types is considered high risk for the development of cervical cancer and its precursor lesions. Recent findings suggest that 14 type-specific high risk HPV-DNA-based screening tests and protocols. On a global basis, HPV14 types-specific high risk were found in 99.7% of all squamous carcinomas, and determined to be associated with approximately 80% of all invasive cervical cancers.



World Health
Organization

Recommendation of Cervical cancer screening test:

Cervical cancer testing (screening) should begin at age 25.
Screening and treatment of pre-cancer lesions in women is a cost-effective way to prevent cervical cancer.
For general population of women, HPV DNA as primary screening test, with regular screening in every 5 years.

Why should we promote HPV testing?

- Colposcopy can be deferred for patients at low risk.
- Treatment can be expedited for high-risk patients.
- The positive HPV test result can be an aid in treatment management.
- In generally, HPV testing is much preferred other than cytology testing in patient monitoring for abnormal result.
- Reduce the result deviation due to manual interpretation.



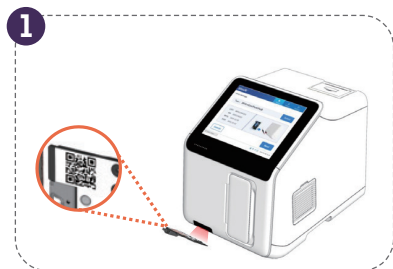
U-Card Dx™ HPV Test

- Simultaneously detect 14 types of high-risk HPV (HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68) and identify HPV 16/18, assisted rapid diagnosis.
- Exogenous control pellets ensure adequate specimen collection and successful experiment procedures.
- Lyophilized reagents for ambient temperature stability.
- Closed-system design reduces contamination
- Deliver accurate and reliable result within 38 minutes.

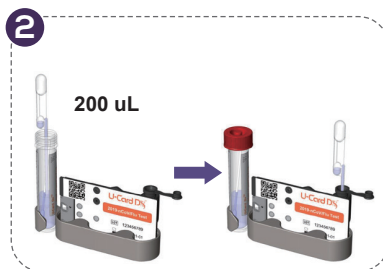


3-STEP OPERATION

Simple-to-use operation with on-screen guide
Result in 38 minutes



Scan Cartridge

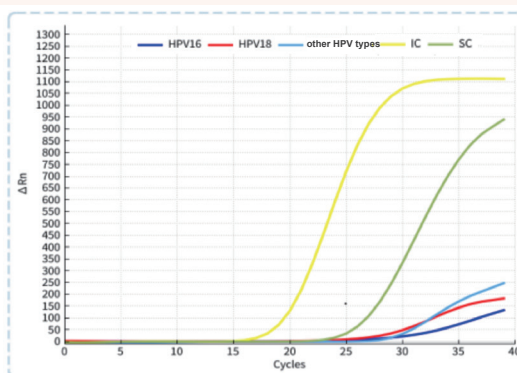


Load Sample



Insert Cartridge

COMPREHENSIVE RESULTS



R-4	
Target	Ct
HPV16	33.39
HPV18	30.44
Other HPV	31.37
Control	Ct
IC	19.18
SC	26.23

ORDERING INFORMATION

Product Name	Catalogue Number
U-Card Dx™ Automated Rapid Molecular Diagnostic Instrument	W992
U-Card Dx™ HPV Test	WE24P0001 [12 tests] WE24P0002 [24 tests]