

HPV23 Genotyping Detection Molecular Diagnostics

There are more than 200 different types of Human papillomavirus (HPV) worldwide. Sometimes, HPV infection won't have any symptoms for a long time, and other times, HPV infection can cause genital warts, precancers, and even cancer. And Some HPV genotype infections, such as HPV16, and HPV18 infection, have been identified as the leading causative factor of cervical cancer in women. Meanwhile, It has been recognized that not only high-risk HPV genotypes increase the risk of cervical cancer, but the recurrence or persistence of infection with the same type of HPV for a long time, and co-infection of high- and relative low-risk HPV genotyping also relate to cervical cancer. Therefore, it is necessary to accurately differentiate HPV genotypes to help patients monitor the disease progression and guide patient management.

Features and Benefits

- Individual HPV 23 genotypes in one reaction
- Accurate HPV genotyping detection
- Multiplex real-time PCR with integrated technologies
- Internal control monitors the whole assay process



AHPV2301-AHG48E

23 HPVs Genptyping

18 High-risk HPV genotypes:
16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 73, 82
5 Low-risk HPV genotypes:
6, 11, 42, 43, 81

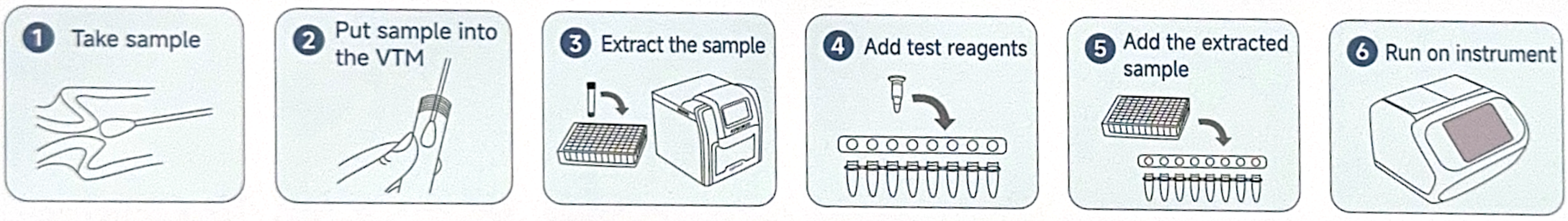
Compatible Instruments

Extraction: HG-N32
Real-time PCR: CFX96™ Dx, HG-P320, HG-P960

Specimens

Cervical exfoliated cells

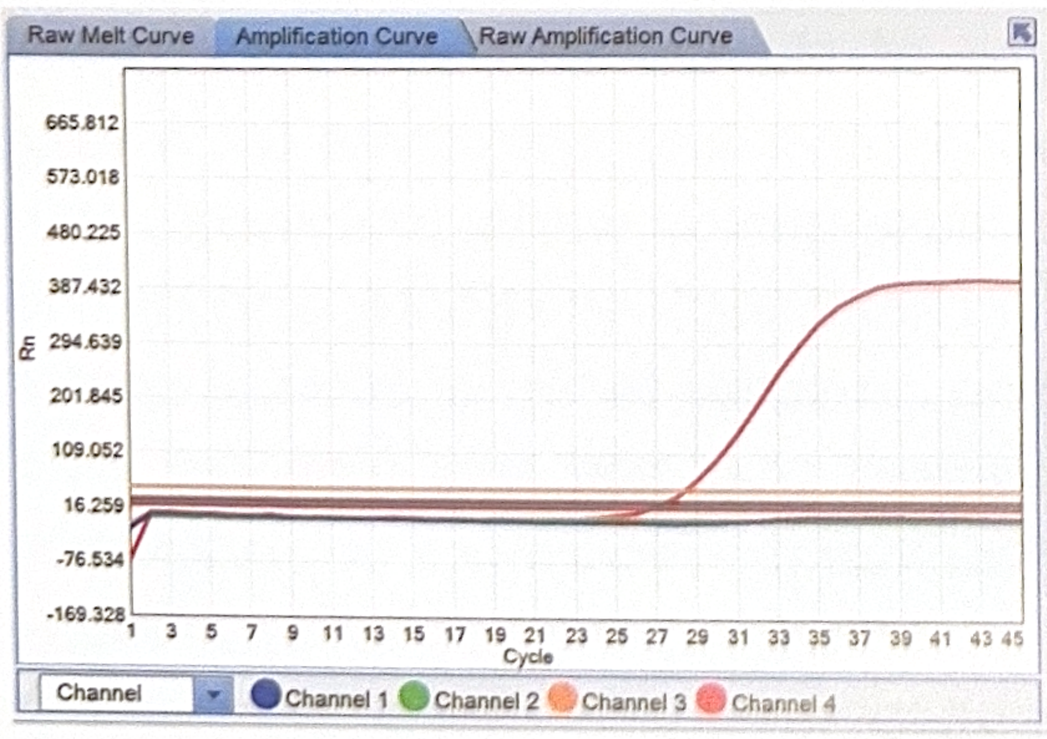
Workflow

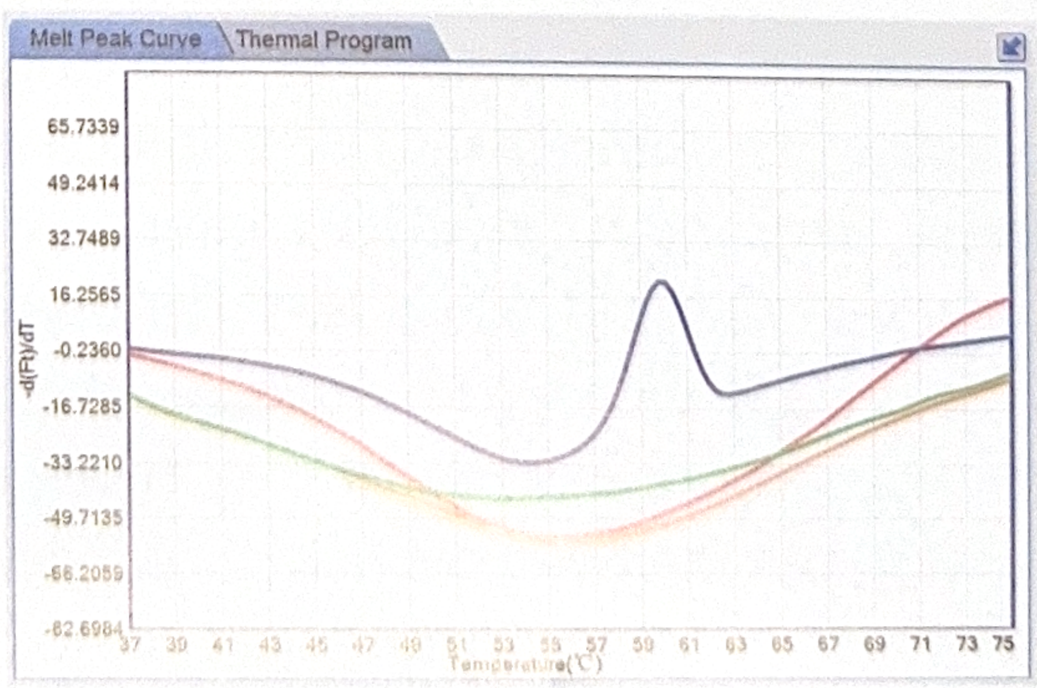


Result Interpretation

	Amplification Curve				Melt Peak Curve								
Tube A	HPV16	HPV39	52	IC	HPV58	HPV33	HPV59	HPV68	HPV43	HPV53	HPV18	HPV81	
Tube B	HPV26	HPV31	HPV35	IC	HPV6	HPV11	HPV45	HPV56	HPV66	HPV42	HPV73	HPV51	HPV82

Example





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Healgen Scientific Limited Liability Company
Address: 3818 Fuqua Street, Houston, TX77047, USA.
Telephone: +1-713-733-8088 Fax: +1-713-733-8848
Email: sales@healgen.us
Website: http://www.healgen.com
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