



"Ready & Easy-to-use" kits.
Lyophilised product



Transport and storage at room temperature.
Shelf-life: 6 months

RUO Research Use Only

SEXUAL HEALTH

SP02
PANEL

Human Papillomavirus Genotyping Panel

- ▶ **HPV infection is one of the most common sexually transmitted infections (STIs) worldwide.** It is transmitted through close contact with mucous membranes or epithelial cells of an infected individual during sexual practice.

The symptoms of infection can appear years after having contact with an infected person which can transmit the infection without having any symptoms. However, some genotypes may cause health problems from genital warts to cancer mainly cervical, vulvar, vaginal, anal, penile, and head and neck. According to the oncogenic potential HPVs are classified as high- or low-risk.

The prevalence of HPV infection, particularly high-risk genotypes, varies geographically; however, certain high-risk HPV genotypes are globally predominant, including HPV16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, and 68. Among high-risk genotypes, HPV types 16, 18, and 45 are the most common.

- ▶ **Screening for HPV and treating pre-cancerous lesions has proven to be an effective strategy in preventing cervical cancer.** The World Health Organization (WHO) currently recommends HPV DNA detection as the primary screening test for women aged 30 and older.

On the other hand, understanding the prevalence and distribution of HPV genotypes is crucial for implementing effective HPV vaccination programs for cervical cancer prevention. By targeting the most prevalent high-risk genotypes, vaccination efforts can be optimized to provide maximum protection against cervical cancer.

- ▶ **VIASURE Human Papillomavirus Genotyping Panel Real Time PCR Detection Reagents RUO is a non-automatized qPCR test designed for the specific detection of DNA from 28 types of Human Papillomavirus (HPV) in clinical samples.**

The panel is composed by 8-well strips in which each well corresponds to one different assay. In addition, the panel contains an internal control (IC) and an endogenous internal control (EIC) (RNase P gene), to follow-up the integrity of the sample, to monitor the extraction process and/or rule out extraction problems and/or to verify if the amplification works properly.



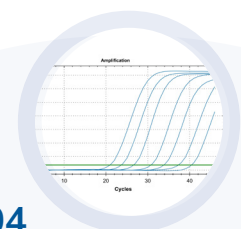
01



02



03

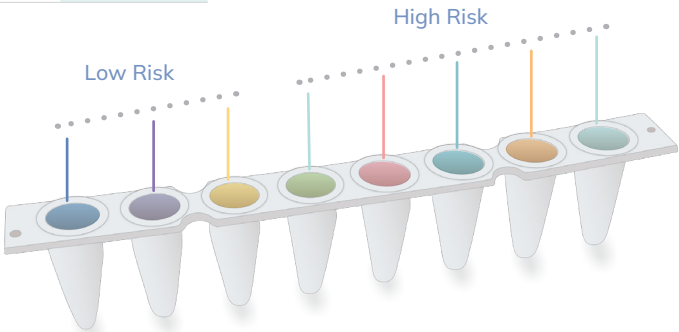


04

Human Papillomavirus Genotyping Panel

► Panel

Targets	SP02
Human Papillomavirus Genotyping (16, 18, 31, 35)	<div></div>
Human Papillomavirus Genotyping (33, 59, 56, 58)	<div></div>
Human Papillomavirus Genotyping (68, 73, 26, 82)	<div></div>
Human Papillomavirus Genotyping (51, 69, 39, 66)	<div></div>
Human Papillomavirus Genotyping (53, 52, 45)	<div></div>
Human Papillomavirus Genotyping (11, 70, 43)	<div></div>
Human Papillomavirus Genotyping (42, 40, 54)	<div></div>
Human Papillomavirus Genotyping (61, 44, 6)	<div></div>



► References - VIASURE Human Papillomavirus Genotyping Panel Real Time PCR Detection Reagents RUO

- 12 x 8 - well strips, low profile VS-SP0212LRUO
- 12 x 8 - well strips, high profile..... VS-SP0212HRUO

For more information and use procedure,
read the instructions for use included in this product.



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