

VisionArray® HPV High Risk Chip 1.0

Introduction

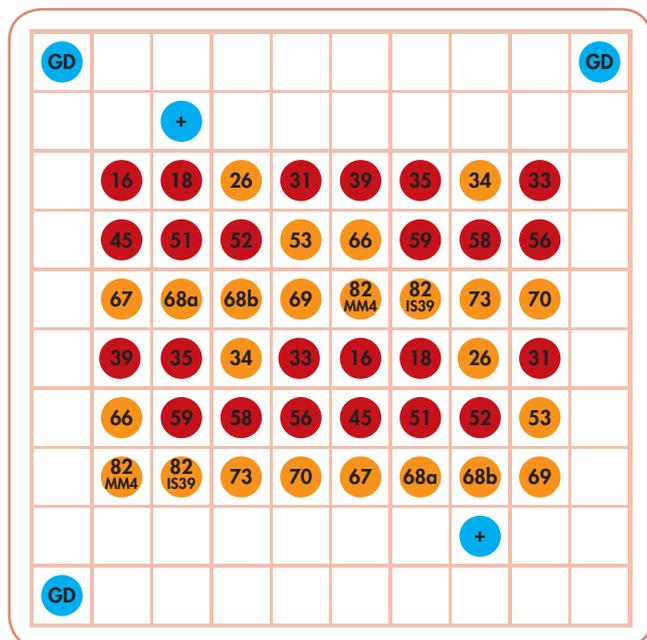
The VisionArray® HPV High Risk Chip 1.0 is intended to be used for the qualitative detection and genotyping of PCR amplicates of 24 clinically relevant human papillomavirus (HPV) genotypes that have been produced with the help of the VisionArray HPV Primer Kit and the VisionArray Detection Kit.

HPV has been conclusively identified as the major risk factor for cervical cancer. It is the third most common cancer in women worldwide, with an estimated number of 530,000 new cases and 280,000 deaths each year. Over the last years the relevance of HPV in the history of oropharyngeal cancers has become more and more important which is indicated by a dramatically risen number of cancers of the oral cavity and pharynx linked to HPV.

At present, there are more than 150 different HPV-types described. Several HPV-types were classified as High Risk and Probably High Risk types based on their association with cervical cancer.

Chip Description

The VisionArray® HPV High Risk Chip 1.0 is designed to detect 24 clinically relevant HPV genotypes. All capture sequences and the positive control are set up on the chip as duplicates and the guide dots as triplicates. The signals are visible on the chip as dark blue areas. The automated evaluation of the results is performed by the VisionArray® Analyzer Software.



High Risk HPV Types detected by the HPV High Risk Chip

16 18 31 33 35 39
45 51 52 56 58 59

Probably High Risk HPV Types detected by the HPV High Risk Chip

26 34 53 66 67 68a
68b 69 70 73 82 IS39 82 MM4

References

Colombo N, et al. (2012) Ann Oncol 23 Suppl 7: vii27-32.
Crow JM, et al. (2012) Nature 488: S2-S3.
IARC (2012) Biological Agents. IARC Monogr Eval Carcinog Risks Hum, 100B: 1-441.
Poljak M, et al. (2016) J Clin Virol 76 Suppl 1: S3-S13.

■ High Risk ■ Guide Dots (GD)/ Positive Control (+)
■ Probably High Risk

Prod. No.	Product	Tests
VA-0002-10	VisionArray HPV High Risk Chip 1.0 Incl. 10 pieces CE IVD	10
VA-0002-50	VisionArray HPV High Risk Chip 1.0 Incl. 5x 10 pieces CE IVD	50

CE IVD only available in certain countries. All other countries research use only! Please contact your local dealer for more information.