

# VisionArray® HPV Chip 1.0



## Introduction

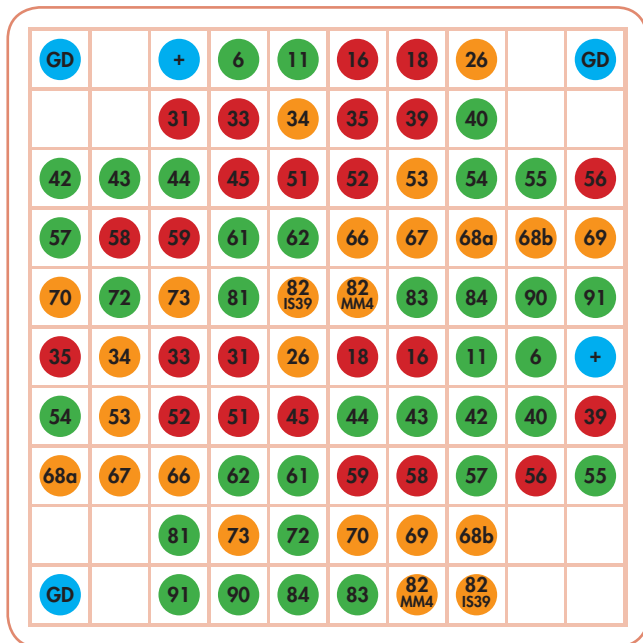
The VisionArray® HPV Chip 1.0 is intended to be used for the qualitative detection and genotyping of PCR amplicates of 41 clinically relevant human papillomavirus (HPV) genotypes that have been produced with the help of the VisionArray® HPV Primer Kit 2.0 and the VisionArray® Detection Kit.

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.

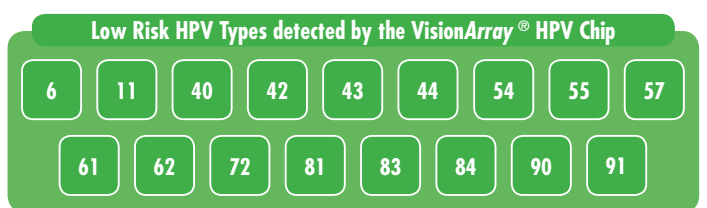
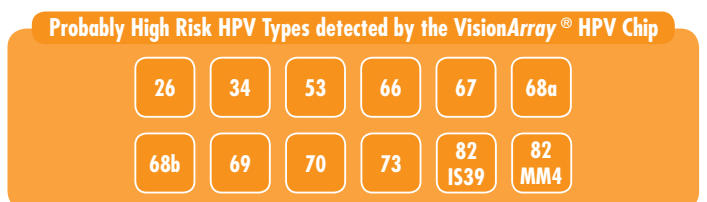
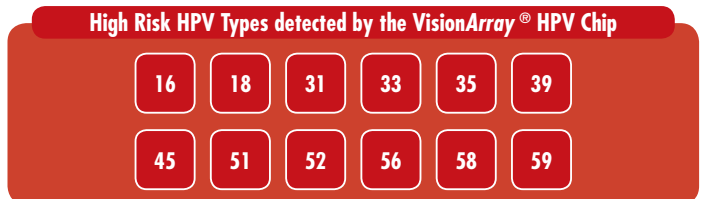
At present, there are more than 150 different HPV types described. Depending on their risk to induce cancer, they are divided into Low Risk (LR), Probably High Risk, and High Risk (HR) types.

## Chip Description

The VisionArray® HPV Chip 1.0 is designed to detect 41 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 a VisionArray® Analyzer Software.



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



**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.

| Prod. No.  | Product  | Tests |
|------------|--|-------|
| VA-0001-10 | VisionArray HPV Chip 1.0 Incl. 10 pieces CE IVD    | 10    |
| VA-0001-50 | VisionArray HPV 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.