

Accuracy and Sensitivity in Design
Confidence and Clarity in Results



Papilloplex[®] High Risk HPV

Reliable detection and differentiation of 14 high-risk HPV DNA in a single tube real-time multiplex assay



Papilloplex® High Risk HPV

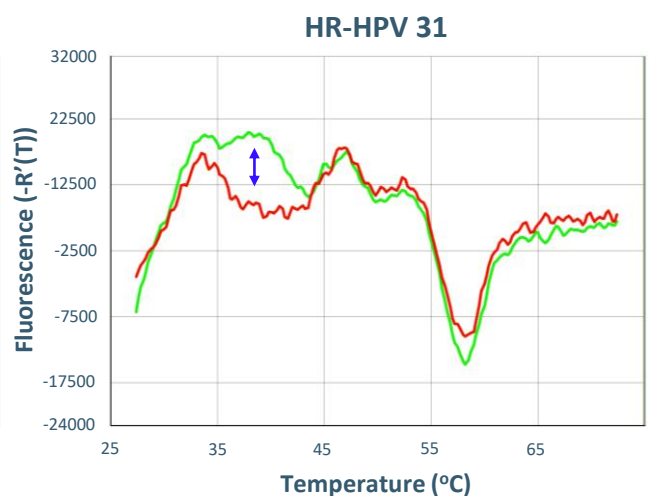
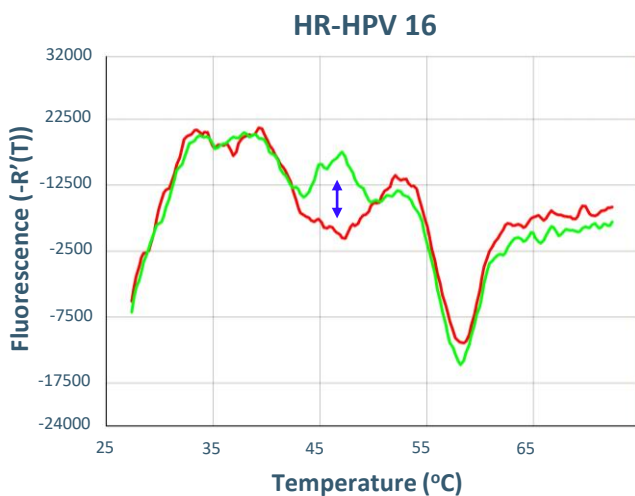
Human papillomavirus (HPV) infection is the most common sexually transmitted infections globally. The link between persistent infection and cervical cancer has led to the emergence of cancer screening programs to better stratify women and their risk of developing cervical cancer. The new GeneFirst Papilloplex® High Risk (HR) HPV test has been designed to meet the demands of cervical cancer screening by targeting 14 of the most carcinogenic HR types. This test aids our understanding of genotype-specific HPV infection in developing strategies to enhance the prevention and management of cervical cancer.

The Science

The Papilloplex® HR HPV assay design is based on patented MPA Technology for improved clinical sensitivity and specificity. The assay contains primers, target specific probes and their partially complementary oligonucleotides (PCO). The Probe/PCO hybrid is designed to have a unique melting profile. If a target is present, the corresponding probe is consumed during amplification. The change of the characteristic melting profile shows what target is present in the starting sample.

Key Features

- Simultaneous detection and differentiation of all high-risk types including 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66 and 68
- DNA test for better sensitivity and risk stratification
- Internal control for sample cellularity and PCR inhibition
- Ease-of-use in a single, multiplex, real-time PCR reaction
- Validated for both cervical and urine samples
- Flexible throughput



Ordering Information

Catalogue No	Product	Storage	Intended Use
MPAHPV001	Papilloplex® HR HPV Kit	-20 °C	CE IVD for <i>in vitro</i> diagnostics use

Contact Us

GeneFirst Limited
Culham Science Centre, Abingdon, OX14 3DB, UK
Email: sales@genefirst.com Tel: +44 (0)1865 407400
www.genefirst.com

