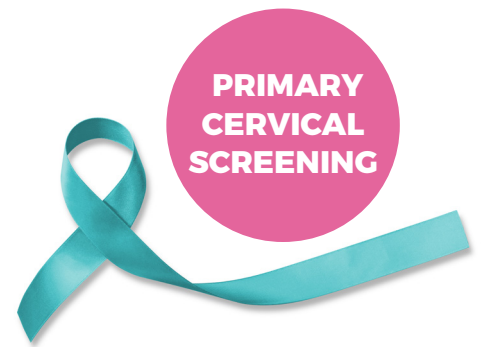


REALQUALITY RQ-HPV Screen

HPV E6/E7 DNA assay
for diagnostic screening
by Real-Time PCR

REALQUALITY RQ-HPV Screen is a Real-Time PCR assay for detection of clinically significant infections from 14 high risk HPVs and genotyping of HPV 16 and HPV 18. REALQUALITY RQ-HPV Screen is validated according to Meijer guidelines



PRODUCT CHARACTERISTICS:

- One-tube Multiplex PCR
- Ready to use mastermix, includes dUTP/UNG system to prevent carry over contamination
- Target regions: E6 and E7 genes
- Detected high-risk genotypes: HPV 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66 and 68
- Genotyping: HPV 16 and 18
- Internal control: amplification of β -globin gene in multiplex with pathogen genes
- Shelf life: 18 months
- Clinically validated according to Meijer guidelines (Iacobellis *et al.*, 2018)

SPECIMENS

For HPV screening the kit is validated on cervical swabs in ThinPrep PreservCyt Solution (Hologic)

Other samples: cervical, vaginal, urethral, oral and anal swabs; urethral, vaginal and foreskin biopsy tissue; vaginal secretion and FFPE samples

COMPATIBLE INSTRUMENTATION

Applied Biosystems 7500 Fast/Fast Dx Real-Time PCR System (Applied Biosystems)

AriaDx Real-Time PCR System (Agilent Technologies)

CFX96 Real-Time PCR Detection System-IVD (Bio-Rad)

Rotor-Gene Q 6plex (QIAGEN)

LightCycler 480 Real-Time PCR System Version II (Roche)

BIBLIOGRAPHY

- Iacobellis M. *et al.*, Clinical validation of REALQUALITY RQ-HPV Screen according to the international guidelines for human papillomavirus DNA test requirements for cervical screening. *Virology Journal* (2018)
- Meijer C. *et al.*, Guidelines for human papillomavirus DNA test requirements for primary cervical screening in women over 30 years and older. *Int J of Cancer* (2009)

FLUOROPHORES AND TARGET

Fluorophore	Target	Amplified regions
Yellow	HPV 16	E7 gene
Red	HPV 18	E7 gene
Green	HPV 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68	E6 and E7 genes
Orange	Internal control	β -globin gene

This product uses technology patented for use in human diagnostic applications by Biosearch Technologies

ORDER INFORMATION

Code	Product	Format	Status
RQ-123-4M	REALQUALITY RQ-HPV Screen	50 tests	CE-IVD
RQ-123-6M		100 tests	
RQ-123-4A	REALQUALITY RQ-HPV Screen Automatic format for GENEQUALITY X120 system	50 tests	CE-IVD
RQ-123-6A		100 tests	