



# HPV HCR Genotyping quantitative kit



**NEW**

- HPV HCR genotype-titre-FRT [R-V67-F-CE] - the **most complex** Real Time PCR kit
- detection and **exact differentiation** of **14 HPV HCR genotypes**:  
**16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68**
- **quantitation** of each HPV HCR genotype group
- **final calculation** of total HPV HCR load/ $10^5$  epithelial cells - the **most relevant** parameter for ranging and interpretation of the **patient risk**
- **ideal** for detection and early cervical pre-cancer and cancer diagnostics

## Special kits features

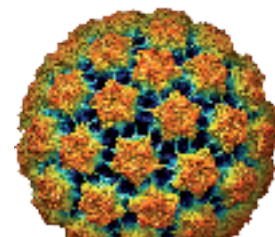
- evaluation of clinical **sample quality** – elimination of false negative results
- **simultaneous detection** of different HPV HCR DNA targets in 1 tube
- distinction between **clinically relevant** and **irrelevant** HPV HCR load (per  $10^5$  human cells)
- Internal Control based on human  $\beta$ -globin gene detection

## Each clinical sample is analyzed in 4 microtubes

Microtube 1		Microtube 2		Microtube 3		Microtube 4	
HPV genotype 16	FAM	HPV genotype 39	FAM	HPV genotype 33	FAM	HPV genotype 58	FAM
HPV genotype 31	JOE	HPV genotype 45	JOE	HPV genotype 35	JOE	HPV genotype 52	JOE
HPV genotype 18	ROX	HPV genotype 59	ROX	HPV genotype 68	ROX	HPV genotype 66	ROX
Int. Control $\beta$ -globin	Cy5	Int. Control $\beta$ -globin	Cy5	HPV genotype 56	Cy5	HPV genotype 51	Cy5

## Detection of $\beta$ -globin gene (Internal Control) allows:

- checking the sample/sampling quality
- checking the insufficient DNA extraction
- elimination of false negative results interpretation



Clinical sample quality	Other standard IC based kit		AmpliSens® $\beta$ -globin IC based kit	
	Interpretation	Interpretation correctness	Interpretation	Interpretation correctness
Without epithelial cells	HPV negative	✗	incorrect sample	✓
With <b>few</b> epithelial cells	HPV negative or slightly positive	✗	incorrect sample or highly positive	✓
With <b>sufficient</b> epith. cells	HPV positive	✓	HPV positive	✓

Only **AmpliSens®  $\beta$ -globin IC based kit** allows interpretation of results with the **highest correctness**.

HPV HCR genotype-titre-FRT is open for various instruments – Rotor-Gene Q (Qiagen), iCycler/CFX 96/iQ (Bio-Rad), SmartCycler (Cepheid), Mx3000P/Mx3005P (Stratagene), ABI® 7300/7500 and many other types.

Product	Catalog number	No. of Rx	Channels
HPV HCR genotype-titre-FRT	R-V67-F-CE	110	FAM, JOE, ROX, Cy5