

# HPV diagnostic kits



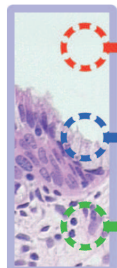



- the most **sensitive** screening – early diagnostics of cervical pre-cancer and cancer
- TaqMan® based, **open** for various cyclers – Rotor-Gene Q (Qiagen), iCycler iQ (Bio-Rad), Mx3000P (Stratagene), SmartCycler (Cepheid), ABI® 7300/7500/StepOne and many others
- detection with **quantification** of HPV viral load (per 10<sup>5</sup> cells) – perfect for ranging of the patient risk
- exact genotyping** – HPV HCR types: 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59

## Special kits features

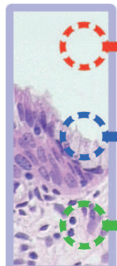



- evaluation of clinical sample quality – **elimination** of **false negative** results
- internal control based on human **β-globin gene** detection
- distinction between clinically **relevant** and **irrelevant** HPV quantities (per 10<sup>5</sup> human cells)

When interpreting results, only our kits allow to evaluate also sample quality

### Example 1: Kit with standard internal control DNA (external IC)

	Clinical sample	Amplification results	Interpretation	Interpretation correctness
	Without epithelial cells	IC+, HPV–	<b>HPV negative</b>	
	With few epithelial cells	IC+, HPV±	<b>HPV negative or slightly positive</b>	
	Sufficient	IC+, HPV+	<b>HPV positive</b>	

### Example 2: Kit with internal control based on human β-globin gene detection

	Clinical sample	Amplification results	Interpretation	Interpretation correctness
	Without epithelial cells	IC–, HPV–	<b>incorrect sample</b>	
	With few epithelial cells	IC±, HPV±	<b>incorrect sample or highly positive</b>	
	Sufficient	IC+, HPV+	<b>HPV positive</b>	

#### High-Risk HPV kits

Catalogue number	Type	Detection	Tests
R-V31-T-4x(RG,iQ,Mx)-CE	QUANTITATIVE	Real-Time	108
R-V31-T-2x(RG,iQ,Mx)-CE	QUANTITATIVE	Real-Time	108
R-V25(RG,iQ,Mx)-CE	genotyping	Real-Time	108
R-V12(RG,iQ,Mx)-CE	16/18	Real-Time	108
V31-FEP-CE	screen	FEP	120
V31-3x-FEP-CE	screen	FEP	120
V31-100F-CE	screen	Elfo	110
V25-50F-CE	genotyping	Elfo	55

#### Low-Risk HPV kits

Catalogue number	Type	Detection	Tests
R-V11(RG,iQ,Mx)-CE	6/11	Real-Time	120
V11-100-R0,2-CE	6/11	FEP	110

all kits are CE certified