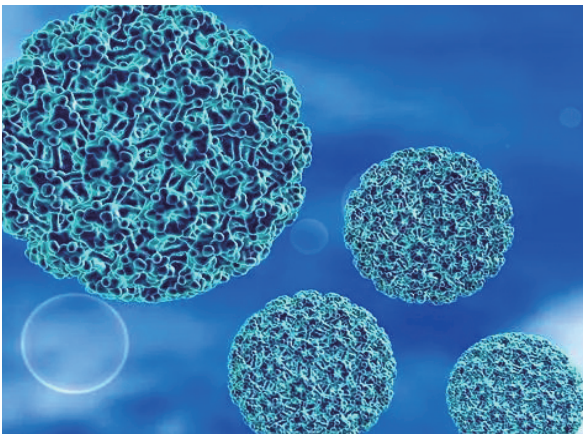




Cowin Gene

HPV
Human Papilloma
Virus

Cowingene HPV (2+16) Detection Kit



HIGH SENSITIVITY

- No cross-reactivity with the common reproductive tract pathogens, and the results are more accurate

HIGH SPECIFICITY

- Ensures excellent sensitivity 100 copies/mL

SELF-SAMPLING OPTION

- Can be used with healthcare worker-instructed self-collected vaginal specimens/cervical specimens/urine

CONTAMINATION PREVENTION

- Ready-to-Use Master Mix contains Uracil-DNA
- glycosylase (UNG) and dUTPs eliminating possible carryover contamination

MULTIPLE REAGENT TYPES

- Lyophilized and liquid. (Convenient and economical)

HIGHLY COMPATIBLE

- Compatible with a wide range of real-time PCR devices
- Multiple extraction methods for option: magnetic bead extraction, membrane column, sample release reagent

ORDER INFORMATION

REF	TYPE	PACKAGE
HP01021X	Liquid	48T
HP01022X	Lyophilized	48T



Cowingene HPV (2+16) Detection Kit

PRODUCT INFORMATION

INDICATION	in vitro diagnostic medical device	
REGULATORY STATUS	CE-IVD	
INTENDED USER	For professional use in laboratories with trained staff	
TECHNOLOGY	Real-time PCR	
TYPE OF ANALYSIS	Qualitative	
TARGET SEQUENCE	E6E7,L2L1	
ANALYTICAL SPECIFICITY	Human papillomavirus 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 73, 82	
ANALYTICAL SENSITIVITY (LoD with probability 95%)	reaches up to 100 cp/ml with the probability of 95%(on HPV DNA control, GeneWell)	
EXTRACTION/INHIBITION CONTROL	PCR inhibition and DNA extraction efficiency control by Internal Control (IC)	
REPORTING UNITS	cp/ml	
VALIDATED SPECIMEN	Cervical swab,Urine,Self-collected vaginal	
TYPE	liquid	Lyophilized
STORAGE	≤ -20℃	2-30℃
SHELF LIFE	18months	18months
REACTION TIME	90mins	80mins
DIAGNOSTIC SPECIFICITY	100.00%(CI95%:97.12%-100%)	100.00%(CI95%:95.35%-100%)
DIAGNOSTIC SENSITIVITY	100.00%(CI95%:96.35%-100%)	100.00%(CI95%:97.25%-100%)
VALIDATED EXTRACTION METHOD	Cowingene Viral DNA/RNA Column	
	Cowingene Sample release reagent	
APPLIED INSTRUMENTS	CFX Connect™/ CFX96™/ Dx Real-Time PCR Detection System	QuantStudio™ 3/5 Real-Time PCR System
	Applied Biosystems 7300/7500 Real-Time PCR System	Rotor-Gene™ 3000/6000/Q
	SLAN® Real-Time PCR System	MA-9600P/MA-6000 Real-Time Quantitative Thermal Cycler
	LightCycler® 480	LineGene 9600 Plus
	croBEE™ Real-Time PCR System	Gentier 96E/96R Real-Time PCR System
	AriaMx Real-Time PCR System	Mic qPCR Cycler
	BioQuant-96 Real-Time PCR System	AMPLilab Real-Time PCR System
REQUIRED DETECTION CHANNELS	FAM, HEX, ROX, CY5	