bioPerfectus technologies

Simplified 21 Genotyping HPV-DNA Workflow for Better Preventing Cervical Cancer

BioPerfectus Cervical Cancer Screening Total PCR Solution highly recommends the combination of instruments from SAW-96 Automated Nucleic Acid Extraction Workstation to STC-96A Plus Real-time PCR System and reagent Human Papillomavirus Genotyping Real Time PCR Kit, boasted with advantages such as more safe and simple operations for research workers, less time and investment for laboratories, real-time visual interface, better contamination control and so on.

Fulfill clinical demands

Cervical swabs and liquid-based cytology samples available

Cover 21 genotypes for cervical cancer screening



Reliable performance with high sensitivity and specificity validated

Support flexible operations

Walk-away system from VTM to PCR ready-to-go tubes

One software for amplification, interpretation and customized report



Special function for extracted nucleic acid elution storage

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O1 STEP Place samples 02 STEP

STC-96A Plus
Prox Tensi Quantitativa Thermal Cycles

Put PCR ready-to-go ubes into the PCR system

O3 STEP

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O4 STEP BioPerfectus provides a total PCR solution with an advanced automation level for needed laboratories, turning the operations of sample loading, nucleic acid purification, and PCR setup into automation. Based on in vitro diagnostic technology, it intended to specifically identify 18 high-risk HPV types (16, 18, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 26, 73, and 82) and three low-risk HPV types (6, 11, and 81). As WHO suggests using HPV DNA detection as primary screening for cervical cancer, Bioperfectus Cervical Cancer Screening Total PCR Solution enables women to get access to screening and diagnosis at the early stage of HPV infection with accurate genotype detection and to get proper treatment before the development of precancerous lesions and cervical cancer.

Key Features

Sample Type	Cervical exfoliated cells · Cytologic samples (ThinPrep®and BD SurePath™) · Cervical swab	PPA	91.20%
		NPA	98.20%
Testing Time	90 mins (only for amplification)	Sample Input Volume	2 μL*8
	Supporting 3 channels [FAM; VIC; ROX]	Shelf-life	12 months
	10 ⁴ copies/mL	Reagent Storage Temperature	-20±5° C

Ordering Information

Catalog NO.	Product	Package
JC80301NW-24T		24 T/Kit
JC80301NW-48T	Human Papillomavirus Genotyping	48 T/Kit
JC80301NWO-24T*	Real Time PCR Kit	24 T/Kit
JC80301NWO-48T*		48 T/Kit
SDKF60101	Nucleic Acid Extraction Rapid Kit (Magnetic Bead Method)	32/48/96 Tests/Kit
SAW-96	Automated Nucleic Acid Extraction Workstation - SAW-96	96 Channels/Unit
STC-96A PLUS	Real-time PCR system - STC-96A Plus	96 Channels/Unit (48 × 2 modules)

*Special for cytologic samples(ThinPrep® and BD SurePathTM)

Contact and Support ++

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