NUSANTICS

The Right Detection Starts with The Right Reagents.



A highly sensitive reagent helps doctors detect HPV earlier, deliver accurate results faster, and accelerate patient treatment.

PathoScan hrHPV qPCR Kit

The first locally-developed HPV-DNA reagent for high-accuracy and rapid detection.



Urine Sample



Cervical Swab Sample

PathoScan hrHPV qPCR Kit	PathoScan hrHPV qPCR Kit Lite
Detecting 14 high-risk HPV DNA types, including HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, & 68, and performs genotyping for HPV 16, 18, and 52.	Detecting 14 high-risk HPV DNA types, including HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, & 68, and performs genotyping for HPV 16 and 18.

4 reasons why PathoScan reagents are the right choice

Open system
Compatible with any PCR system.*1

Fast
Get your results in under 45 minutes!*2

High Accuracy
99.65% accuracy compared to FDA-approved HPV DNA testing method.*3

Easy Operation
"Thaw, Mix, Run" — Our ReadyMix technology enables fast and simple sample processing.

1. Minimum requirement: must detect FAM, HEX, Texas Red, Cy5, and Cy5.5
2. Estimated qPCR run time using QuantStudio 5
3. Using standard cervical swab samples

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Gene Targets & Detection Channels – PathoScan hrHPV qPCR Kit

Channel	PathoScan hrHPH qPCR Kit	PathoScan hrHPV qPCR Kit Lite
Cy5.5	β-globin (IC)	-
HEX	HPV16	
Texas Red	HPV18	
Cy5	HPV52	β-globin (IC)
FAM	HPV31, 33, 35, 39, 45, 51, 56, 58, 59, 66, dan 68	HPV31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, dan 68

Clinical Performance PathoScan hrHPV qPCR Kit & PathoScan hrHPV qPCR Kit Lite:

	Swab	Urine
Sensitivity	96.55%	80.88%
Specificity	99.87%	100%
Positive Predictive Value	98.25%	100%
Negative Predictive Value	99.75%	98.38%

Compatible with qPCR platforms:

Platform qPCR	PathoScan hrHPV qPCR Kit	PathoScan hrHPV qPCR Kit Lite
BioRad CFX96/CFX96 Touch	✓	✓
Life Technologies Quantstudio 5	✓	✓
Life Technologies Quantstudio 6 Flex	✓	✓
Life Technologies Quantstudio 7 Flex	✓	✓
Life Technologies Quantstudio 12K Flex	✓	✓
QIAGEN Rotor-Gene Q 5plex	✓	✓
QIAGEN QIAquant 96 5plex	✓	✓
Roche LightCycler (LC) 2.0	✓	✓
Roche LightCycler (LC) Nano	✓	✓
Tianlong Gentier 96E Real-Time PCR System	✓	✓
Tianlong Gentier 96R Real-Time PCR System	✗	✓
Tianlong Gentier48E Real-Time PCR System	✗	✓
LightCycler® 96 Real-Time PCR System	✗	✓

Low Limit of Detection (LoD):

Both PathoScan hrHPV qPCR can detect even the smallest traces of hrHPV: **as low as 10–28 copies per 20 µL.**

Deliver better care with earlier & accurate detection!

Ensure your diagnostic services are never limited by reagent availability.

Contact Us Now for More Information

WA Admin +62 811-3823-1889



PT. Riset Nusantara Genetika
Jl. Pulomas Barat Kav 88, Kayu Putih Jakarta Timur, 13210