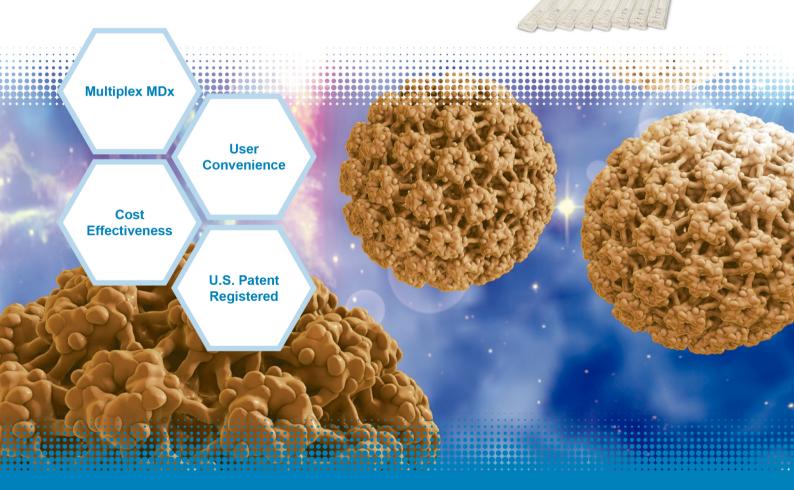




# PaxView<sup>®</sup> HPV 20 Genotyping ← IVD MPCR-ULFA Kit

Simultaneous detection and genotyping of 20 different HPV genotypes including 14 high-risk HPV types

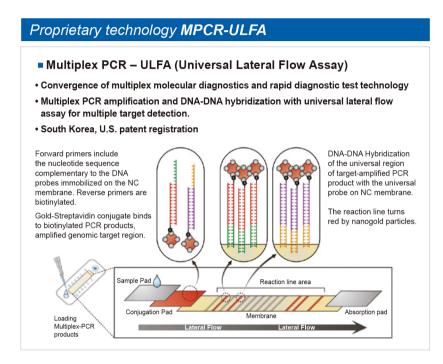
PaxView® HPV 20 Genotyping MPCR-ULFA Kit is an in vitro diagnostic kit designed for the detection and genotyping of 20 different human papillomavirus (HPV) types in human cervical swab samples through MPCR-ULFA (Multiplex PCR and Universal Lateral Flow Assay).



# ■ Features and Advantages

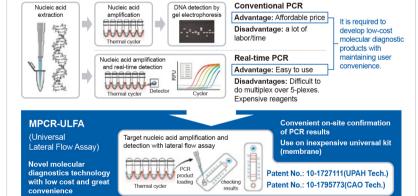
- Composed of 2 panels. Each panel detects 10 types of HPV.
- 14 high-risk HPV types (16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68)
- 2 probably high-risk HPV types (53, 73)
- 4 low-risk HPV types (6, 11, 69, 70)
- Prevention of PCR carry-over contamination with the use of UDG
- Monitor the entire process including the sample collection, DNA extraction, and PCR through the amplification of the human β-globin gene as an internal control
- All kinds of PCR thermocyclers are usable for the assay
- · User-friendly and convenient method
- ULFA results in 20 minutes

PaxView® HPV 20 Genotyping MPCR-ULFA Kit utilizes PaxGenBio's proprietary technology. PCR primers amplifying target genes include the nucleotide sequence complementary to the universal probe immobilized on NC membrane. DNA-DNA hybridization between the probe and its complementary sequence of one end of PCR products with lateral flow assay enables detection of target genes.



# Smart Molecular Diagnostics Technology MPCR-ULFA





Rapid Multiplex Molecular Diagnostics System

# MPCR (Multiplex PCR)

- Simultaneous detection and identification of multiple pathogens

#### **ULFA** (Universal Lateral Flow Assay)

- Rapid detection
- Results interpreted visually within 10 minutes
- 1
- High productivity and price competitiveness
- Increased user convenience

### Procedure

**DNA Extraction** 

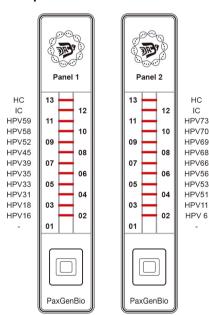


**DNA Amplification** 



**ULFA Detection** 

## Interpretation



## Order information

Medel	PaxView <sup>®</sup> HPV 20 Genotyping MPCR-ULFA Kit
Package	48 tests/Kit
Cat. No.	V0324F
Storage	MPCR: -25 ~ -15℃ ULFA: 15 ~ 30℃
Expiration date	12 months



