

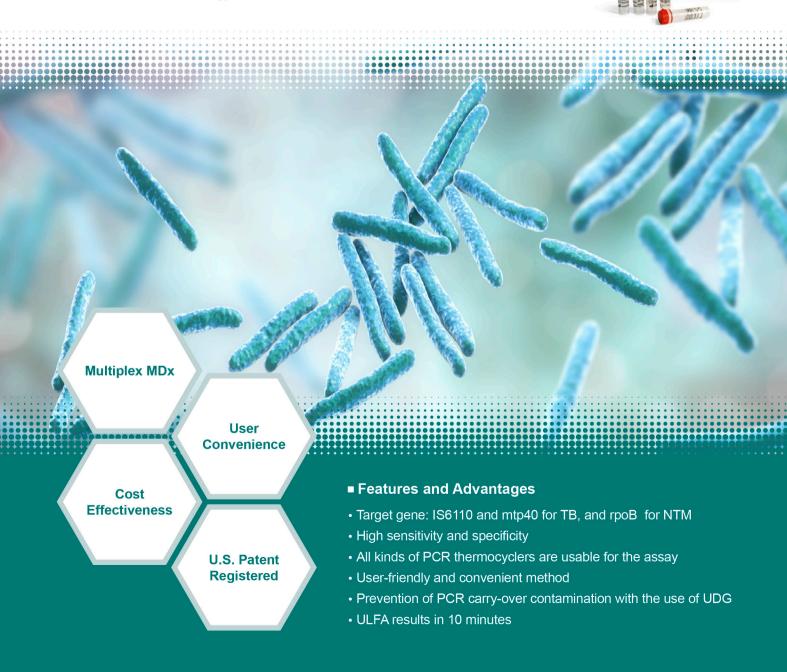


PaxView® TB/NTM MPCR-ULFA Kit

CE IND

Simultaneous detection of Mycobacterium tuberculosis and non-tuberculous mycobacteria

PaxView® TB/NTM MPCR-ULFA Kit is an *in vitro* diagnostic kit designed for the simultaneous detection of Mycobacterium tuberculosis (TB) and non-tuberculous mycobacteria (NTM) in sputum specimens through MPCR-ULFA (Multiplex PCR and Universal Lateral Flow Assay).

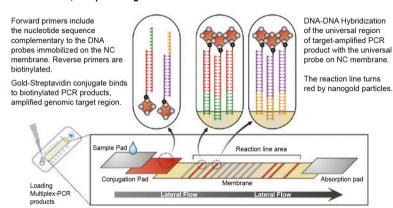


PaxView® TB/NTM MPCR-ULFA Kit utilizes PaxGenBio's proprietary technology. PCR primers amplifying target genes include the nucleotide sequence complementary to the universal probe immobilized on NC membrane. DNA-DNA hybridization between the probe and its complementary sequence of one end of PCR products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



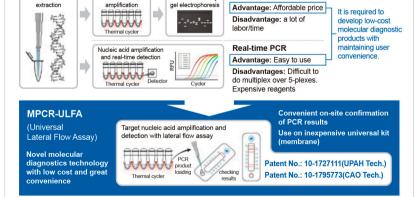
Multiplex PCR – ULFA (Universal Lateral Flow Assay)

- Convergence of multiplex molecular diagnostics and rapid diagnostic test technology
- Multiplex PCR amplification and DNA-DNA hybridization with universal lateral flow assay for multiple target detection.
- · South Korea, U.S. patent registration



Smart Molecular Diagnostics Technology MPCR-ULFA





High productivity and

Increased user

convenience

price competitiveness

Rapid Multiplex Molecular Diagnostics System

MPCR (Multiplex PCR)

- Simultaneous detection and identification of multiple pathogens

ULFA (Universal Lateral Flow Assay)

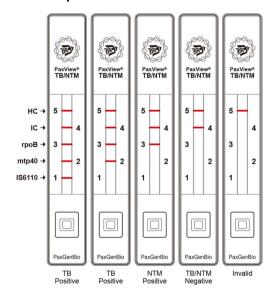
- Rapid detection
- Results interpreted visually within 10 minutes

DNA Extraction

DNA Amplification

ULFA Detection

Interpretation



Order information

Medel	PaxView [®] TB/NTM MPCR-ULFA Kit
Package	48 tests/Kit
Cat. No.	V0401F
Storage	MPCR: -25 ~ -15°C ULFA: 15 ~ 30°C
Expiration date	12 months

PaxGenBio Co., Ltd.

