info@selcouthlifesciences.com
M: +91 85117 92850

CE IVD

SELCOUTH
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SCM Biotech
Global

SCM Plex™
TB/NTM-5
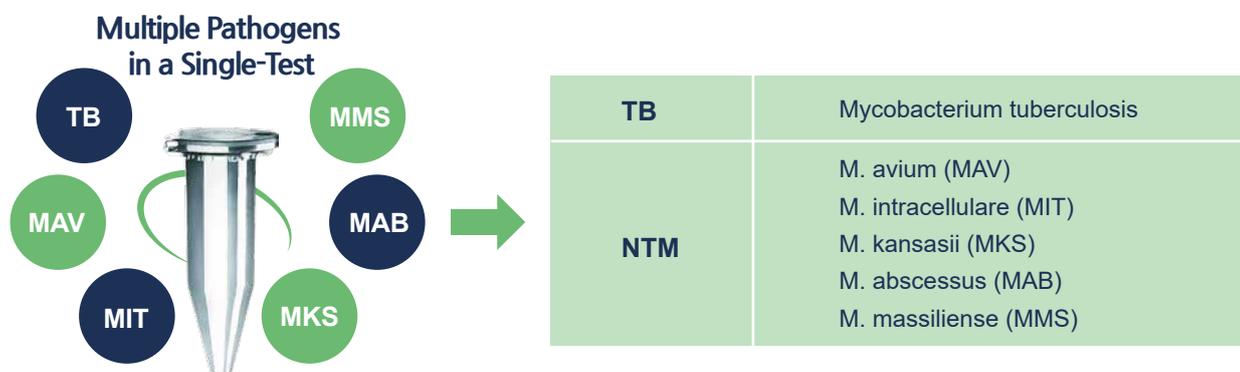# Detection Kit

Easy and Fast

SCMPlex™
TB/NTM-5 Detection CE-IVD Marked

Tuberculosis is one of the most world's threatening infectious diseases caused by **Mycobacterium tuberculosis (TB)** with high morbidity and mortality. **Non-tuberculosis mycobacteria (NTM)** infections, particularly with clinically relevant NTM species, are increasing in countries with low TB prevalence. Since therapeutic regimens are chosen according to the respective mycobacteria species, the reliable identification of TB and NTM is crucial for the treatment and prevention measures.

SCMPlex™ TB/NTM-5 Detection Kitis a multiplex real-time PCR assay that can detect TB and 5 pathogenic NTM in a single tube test by SCM Biotech's patented C-Tag™ technology, enabling your diagnosis more efficient with higher clinical performance.

Simultaneous Detection of TB and 5 NTM

Multiple Pathogens in a Single-Test

TB · MMS · MAV · MAB · MIT · MKS

TB	Mycobacterium tuberculosis
NTM	M. avium (MAV) M. intracellulare (MIT) M. kansasii (MKS) M. abscessus (MAB) M. massiliense (MMS)

Key Features

- **Single-Tube Multiplex Real-time PCR Assay**
  - Simultaneous detection and differentiation of TB and 5 NTM species in a single-tube assay

- **High Inclusivity**
  - Detection of 7 species of M. tuberculosis complex (MTBC)
  - Detection of 5 pathogenic NTM and other Mycobacterium species

- **Superior Clinical Performance**
  - Precise identification of M. avium-intracellulare complex (MAC)
  - Differentiation between M. abscessus and M. massiliense

Specimens

- Sputum

Compatible Instruments

- CFX96™ Dx System (Bio-Rad)
- Automatic nucleic acid extraction equipment

Clinical Benefits

TB/NTM identification for individualized antibiotic treatment

2020 ATS/ERS/ESCMID/IDSA Clinical Practice Guideline
2020 WHO consolidated guidelines on tuberculosis

Mycobacterium Species	Treatment
TB	Isoniazid, Rifampin
MAV · MIT	Macrolide, Rifampin or Ethambutol
MKS	Isoniazid, Rifampin, Ethambutol
MAB	Macrolide®, Amikacin, Cefoxitin, Imipenem
MMS	Macrolide

Ⓡ Drug-resistance