



## Kit RAL TB Prep™

Diagnosis of mycobacteria, particularly *Mycobacterium tuberculosis*, relies on highly specific techniques that are both complex and critical to patient care. Tuberculosis laboratory technicians must process samples in highly restrictive environments (BSL-3 safety laboratories, CAP- or ISO-accredited) while being expected to deliver results rapidly.

RAL TP Prep™ is a sample processing kit designed for the diagnosis of mycobacterial infections. It aims to simplify sample handling and routine laboratory procedures while ensuring accurate and reliable results.

### KEY FEATURES

**Streamline your workflow**

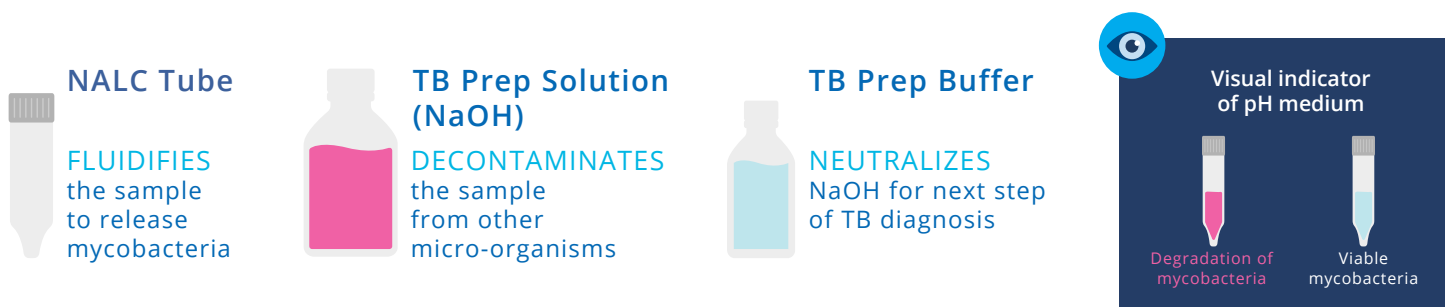
**Give reliable results**

**Save time**

**Work safely**

# How does RAL TB Prep™ work?

**RAL TP Prep™** has a double action: it digests the sample to release mycobacteria embedded in the mucus and then it decontaminates it through a chemical process (Kent & Kubica Method). Once digested and decontaminated, viable samples can be used in different techniques including staining, culture (solid & liquid).



## 4 easy steps to prepare a sample



The sample is decontaminated by TB Prep Solution (NaOH 3%) and, at the same time, fluidified thanks to NALC pre-filled tubes.



TB Prep neutralizes the TB Prep Solution and keeps mycobacteria alive for the next steps of TB diagnosis.



Centrifugation is safely performed thanks to robust polypropylene tubes.



Mycobacteria are concentrated in a sterile buffer, ready for the following diagnostic techniques.

## Streamline **YOUR WORKFLOW**

Compact kit including removable parts for easy transportation inside a L3 lab or work bench according to daily needs.

Centrifuge tubes pre-filled with NALC.

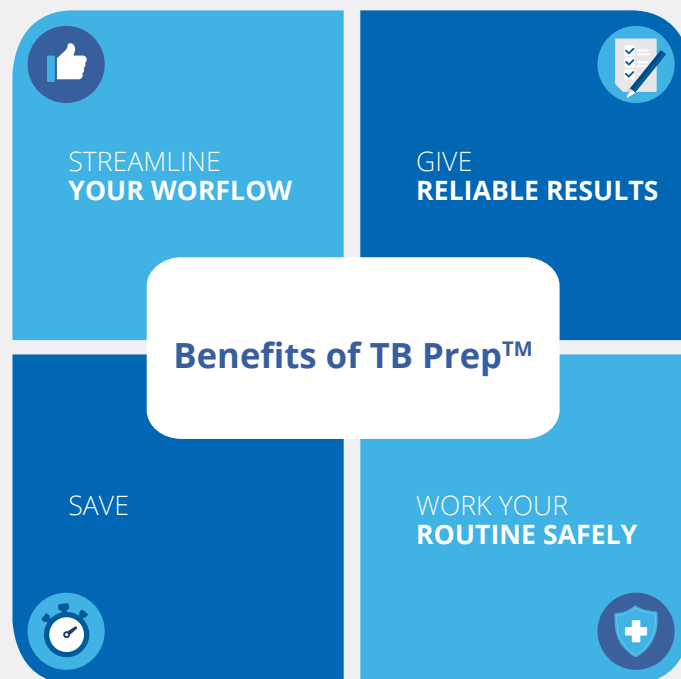
Visual pH indicator for an immediate control of mycobacterial environment.

## Give **RELIABLE RESULTS**

Technique based on Kent & Kubica, a well proven method allowing both solid and liquid culture as well as PCR.

Limited cross contamination thanks to the single use sterile buffer.

pH indicator ensures the viability of mycobacteria for culture.



## Save **TIME**

Reduced and simplified handling steps.

All reagents and tubes needed for the complete test are included and ready-to-use.

Minimized tedious preparations and handling errors.

## Work your **ROUTINE SAFELY**

Robust tubes ensure the highest standard of safety during centrifugation step.

Technique designed to reduce to minimum the waste in the laboratory.





## RAL TB Prep™

### AVAILABLE KIT



<b>Kit RAL TB Prep</b>	<b>REF.: 360000-0000</b>
TB Prep solution	x 2
NALC Tubes	x 25
TB Prep Buffer	x 25

### TECHNICAL SPECIFICATIONS

#### APPLICATION AREAS

- Bacteriology

#### NUMBER OF TESTS

- 25 tests / kit

#### DIMENSIONS

- Height: 12 cm - Width: 25 cm
- Weight: 2.2 kg - Depth.: 30 cm

#### PRODUCT DESCRIPTION

- TB Prep Solution: Clear red purplish solution  
REF.: 360021
- NALC Tubes: White powder  
REF.: 360010
- TB Prep Buffer: Clear colorless solution  
REF.: 300012

#### KIT COMPOSITION

- 2 detachable and easily removable parts
- Decontamination Solution (NaOH 3%) with pH indicator
- Tubes pre-filled with N-acetyl-L-cysteine (NALC)