

**MycoTB™**

# Processing device for Mycobacteria detection





MycoTB™ is the safe, easy, and ready-to-use kit to **pretreat samples suspected to be Mycobacteria positive before solid/liquid media culture investigation<sup>1,2</sup> and molecular analysis<sup>2,3,4</sup>**. From fluidization to decontamination and concentration, MycoTB™ takes care of all the steps needed for Mycobacteria detection, both in respiratory tract and extra-pulmonary specimens.



#### ***Versatile***

MycoTB™ processes solid and liquid samples, both respiratory and extra-pulmonary. MycoTB™ can be used prior to solid and liquid culture or molecular assays.



#### ***Rapid and controlled processing***

Alternative: Fluidization and decontamination can be performed from 3 to 10 minutes to be fully compatible with lab workflow and without impacting mycobacteria viability.



#### ***Easy-to-use and safe reagents***

Four tubes with ready-to-use and pre-aliquoted reagents to manage the correct sample volume/reagent ratio. The cap color code and letter easily identify each kit component reducing contamination risks during the handling phase, in-house preparation costs, and reagent waste.



#### ***Long shelf stability***

MycoTB™ can be stored at Room Temperature until use or the expiration date.



#### Laboratory

### Handling and processing

MycoTB™ needs 3 to 10 minutes of incubation at RT to fluidify and decontaminate the sample<sup>1,2,4</sup>.

A 5-minute centrifuge, supernatant removal, and resuspension will prepare your sample for solid<sup>1,2</sup>, liquid culture, or molecular assay.<sup>2,3,4</sup>

#### Fields of application

### Prenalytics made different





#### *Respiratory Diseases*<sup>3,4,5</sup>

Regular, minitip and flexible minitip



Ordering information

MycoTB™ is available in different formats. Choose the proper one according to your needs.

Cat. N.	Description	Pack size	Sample*
Kit LBM® MycoTB - to process 5 mL of specimen			
oU012N <sup>1</sup>		30 Kits per carton (6 boxes of 5 kits)	pulmonary and extra-pulmonary specimens
MycoTB bulk configuration			
oE025N		30 assays per box (Different reagents packed separately)	pulmonary and extra-pulmonary specimens

<sup>1</sup> distributed in Europe  
\*Suggested table. Please refer to your GLP procedures to choose the most appropriate device for the specific sampling site

## Scientific references

All the studies we cited in this product focus are listed here.

1. De Geyter D, Cnudde D, Van der Beken M, et al. Evaluation of the Copan Myco-TB kit for the decontamination of respiratory samples for the detection of Mycobacteria. *Eur J Clin Microbiol Infect Dis*. 2018 Apr;37(4):711-714.
2. Bisognin F, Lombardi G, Felici S, et al. MYCO-TB: the first IVD kit suitable for the digestion and decontamination of extra-pulmonary specimens to detect Mycobacteria. *Sci Rep*. 2021 Jul 1;11(1):13706.
3. Dippenaar A, Ismail N, Grobbelaar M, et al. Optimizing liquefaction and decontamination of sputum for DNA extraction from Mycobacterium tuberculosis. *Tuberculosis (Edinb)*. 2022 Jan;132:102159
4. Bisognin F, Lombardi G, Lombardo D, et al. Comparison of MycoPrep and the new MYCO-TB kit: rapid and efficient digestion and decontamination of respiratory specimens for the detection of Mycobacteria. *New Microbiol*. 2020 Jan;43(1):13-16. Epub 2019 Dec 13.



## Notes







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