

SD BIOLINE TB Ag MPT64 Rapid

Identification of *Mycobacterium tuberculosis* Complex

Tuberculosis is a highly infectious, potentially fatal disease caused by *Mycobacterium tuberculosis*. Biochemical, immunological and molecular biological characterization of *Mycobacterium tuberculosis* have led to the identification of several antigens which may be useful in the development of improved diagnostic methods in order to discriminate between the *M. tuberculosis* complex and mycobacteria other than *M. tuberculosis* (MOTT bacilli). *M. tuberculosis* has been known to secrete more than 33 different proteins. One of the predominant proteins, MPT64 was found only in the culture fluid of strains of the *M. tuberculosis* complex. Standard Diagnostics has recently developed a simple rapid assay using mouse monoclonal anti-MPT64 for rapid discrimination between the *M. tuberculosis* complex and MOTT bacilli.



General Information

SD BIOLINE TB Ag MPT64 Rapid is a rapid immunochromatographic test for the identification of the *M. tuberculosis* complex.

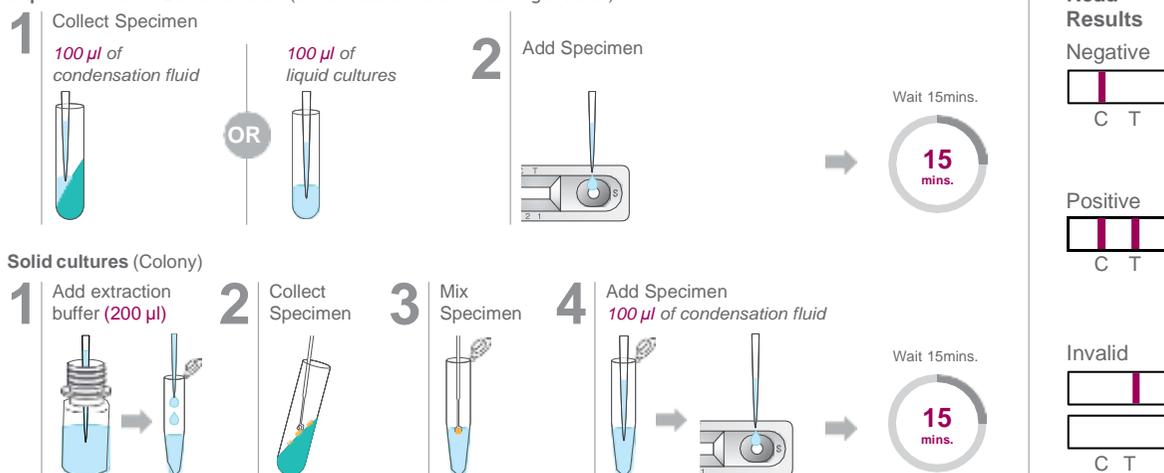
- Simple, rapid assay using mouse monoclonal anti-MPT64
- Rapid discrimination between the *M. tuberculosis* complex and other mycobacterium
- Identification of the *M. tuberculosis* complex in combination with culture systems based on liquid media
- Specimen : Solid cultures(colony, condensation fluid) or liquid cultures
- Shelf life and storage temperature: 18 months at 1-30 °C
- Performance: Sensitivity - 98.6 %, Specificity - 100 % (vs. Isolated culture method)

Materials Provided

- Test device
- Extraction buffer (for sample preparation using solid cultures)

Test Procedure

Liquid cultures & Solid cultures (Condensation fluid of slant agar tubes)



Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
TB Ag MPT64 Rapid	08FK50	Device	Liquid cultures / Solid cultures	25T/Kit

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