



**One step Rapid Immuno-chromatographic test for the detection of TB MPT 64 Antigen in *Mycobacterium tuberculosis* by testing solid or liquid culture specimen from humans**

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

Sensit TB Ag test is an in vitro, qualitative immunochromatographic assay for the detection of MPT64 Mycobacterium tuberculosis antigens in Solid/Liquid Culture, intended specifically for the diagnosis of Pulmonary and Extra Pulmonary tuberculosis.



Culture specimen    Suspend in assay buffer provided    Add sample to test device

## Assay Overview and Usage

<b>Organism detected</b>	<b>Mycobacterium tuberculosis</b>
<b>Sample type</b>	<b>Solid/liquid culture</b>
<b>Shelf Life</b>	<b>23 months</b>
<b>Storage</b>	<b>2-30 °C</b>
<b>Capture molecule</b>	<b>anti- MPT64antigen polyclonal antibodies</b>
<b>Sensitivity</b>	<b>97.2% vs ELISA</b>
<b>Specificity</b>	<b>98.6% vs Elisa</b>
<b>Packing</b>	<b>10T, 30T, Bulk, Uncut sheets</b>
<b>Ref. No</b>	<b>S006-01</b>

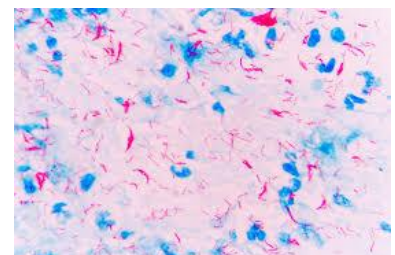
## Why TB Ag Rapid Test

- Early identification of infected individuals, to allow intervention strategies in a clinically relevant time frame.
- Its analytical sensitivity is comparable to FDA-approved laboratory methods



## Rapid Testing

- Quick results available in just a few minutes.
- Require no instrumentation.
- Easy to use.
- No capital expenditure.
- Do not require refrigerated storage.



**Positive**



**Negative**



**Invalid**

## Test Interpretation

Manufactured &Marketed By

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