

iCARE Tuberculosis (TB) Rapid Screen Test

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Category Name : Infectious Diseases Rapid Screen Test Kit

[a href="http://jalinnovation.com/wp-content/uploads/2013/02/Generic-Packing.png">](http://jalinnovation.com/wp-content/uploads/2013/02/Generic-Packing.png)



The *iCARE* One Step Anti-TB (Mycobacterium Tuberculosis) Rapid Screen Test uses a double antigens “sandwich principle”¹ for the detection of Tuberculosis antibody in human whole blood, serum or plasma. Two recombinant Tuberculosis antigens (TB Ag 1&2) were mixed and immobilized on the test band region, and an antibody to Tuberculosis on the control band region of nitrocellulose membrane. Another Tuberculosis antigen (TB Ag 3), coupled with colloidal gold particles, is dried on a conjugate pad. During the assay, the specimen is allowed to react with the colored conjugate (antigen-colloid gold conjugate); the mixture then migrates chromatographically along the membrane by capillary action. If the specimen contains Tuberculosis antibody, the recombinant antigen immobilized on the membrane will capture the antibody-antigen-colloidal gold complex and form a colored test band on the membrane, indicating a positive result. Absence of the test band suggests a negative result. To serve as a procedural control, a colored band at control region always appears in the test area.

Specifications

Category Name	Infectious Diseases Test
Catalog No	WF1113
Packing	40T per box
Specimen	Whole Blood / Serum / Plasma
Sample	10 ul
Format	Hospital version: 1 well cassette, pipette, diluent (4 bottles) Field version: Alcohol swab, lancet, 1 well cassette, pipette, diluent
Specificity	100%
Sensitivity	90%
Certification	CE, Sudan Health Authority
Shelf Life	24 months from date of production

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