

# iCARE HBsAb (Hepatitis B Surface Antibody) Rapid Screen Test

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**Category Name** : Sexually Transmitted Disease (STD) Rapid Screen Test Kit

The ICARE One Step HBsAb Test uses the “sandwich principle”,<sup>1</sup> a solid phase colloidal gold enhanced immunoassay technique for determination of HBsAb in human whole blood, serum or plasma. The nitrocellulose membrane is coated with HBsAg in the test region and anti-HBsAg antibody in the control region. During the assay the specimen is allowed to react with the colored conjugate (HBsAg colloid gold conjugate); the mixture then migrates chromatographically on the membrane by the capillary action.



An HBsAb positive specimen produces a distinct color band in the test region, formed by the specific antibody-HBsAg complex. Absence of this colored band in the test region suggests a negative result. A colored band always appears in the control region serving as procedural control regardless of the test result.

## Specifications

Category Name	STD Rapid Test Kit
Catalog No	IT1010
Packing	Hospital version: 40T/50T/100T
Specimen	Whole blood / Serum / Plasma
Type of Test	Antibody
Format	1 well cassette, pipette, Dip strip (50T/100T)
Sample	10ul serum
Result	Within 5 minutes
Specificity	99%
Sensitivity	99%
Certification	Independent laboratory evaluation from Cambridge (UK) & China
Shelf Life	24 months
Storage	Store at 4 °C ~ 30 °C in the sealed pouch up to the expiration date.

