

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”,¹ 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

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| 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. |

