

# iCARE HBcAb (Hepatitis core Antibody) Rapid Screen Test

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

The iCARE One Step HBcAb Test is a competitive colloidal gold enhanced immunoassay for the determination of anti-HBc antigen(HBcAb) in human serum or plasma. The nitrocellulose membrane was immobilized with anti-HBc antibody on the test region. During the assay, the presence of HBcAb in the specimen will compete with anti-HBc antibody immobilized on nitrocellulose membrane for a limited number of colored HBcAg:colloidal gold. For a negative result, a color band with the specific antibody-HBcAg-colored conjugate complex will form on the membrane. Absence of this colored band in the test region suggests a positive result, i.e., the colored HBcAg:colloidal gold is neutralized by HBcAb existed in the specimen. To serve as a procedural control, a colored band at control region always appears.

**Generic  
Packing**

## Specifications

Category Name	STD Rapid Test Kit
Catalog No	WF1013
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	97.99%
Shelf Life	24 months
Storage	Store at 4 °C ~ 30 °C in the sealed pouch up to the expiration date.

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