
Lab Dept: Serology

Test Name: HEPATITIS Bs ANTIBODY (ANTI-HBs)

General Information

Lab Order Codes: HBSAB

Synonyms: Hepatitis Bs Antibody; HbsAb; Hepatitis B Surface Antibody

CPT Codes: 86706 – Hepatitis B surface antibody (HbsAb)

Test Includes: Hepatitis B Surface Antibody result reported in mIU/ML.

Logistics

Test Indications: Anti-HBs assays are often used to determine the success of hepatitis B vaccination. Assays for Anti-HBs are also used to monitor convalescence and recovery of hepatitis B infected individuals. The presence of Anti-HBs after an acute HBV infection and loss of hepatitis B surface antigen (HBsAg) can be a useful indicator of disease resolution. Detection of anti-HBs in an asymptomatic individual may indicate previous exposure to HBV or HBV vaccination.

Lab Testing Sections: Serology – Minneapolis Campus

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: Performed daily

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: SST (Gold or Marble)
Alternate tube: Green (Lithium Heparin or Sodium Heparin) or Lavender (EDTA)

Draw Volume: 2.1 mL (Minimum: 0.6 mL) blood

Processed Volume:	0.7 mL (Minimum: 0.2 mL) serum Note: Minimum does not allow for repeat
Collection:	Routine blood collection
Special Processing:	Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into screw-capped round bottom plastic vial. Store and ship at refrigerated or room temperature. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens

Interpretive

Reference Range:	Hepatitis B non-vaccinated individuals: Non-reactive Hepatitis B vaccinated individuals: Reactive
Critical Values:	N/A
Limitations:	Assay does not differentiate between vaccines and natural infections. Warning: Not intended for use in screening blood, plasma, or tissue donors. Results obtained by this method may not be used interchangeably with different manufacturer's methods.
Methodology:	Chemiluminescence Microparticle Immunoassay (CMIA)
References:	Abbott Architect AUSAB Package Insert, Abbott Labs, Abbott Park IL, March 2017
Updates:	4/6/2004: Test moved from Memorial Blood Center of Minneapolis to Mayo Medical Laboratories. 3/8/2005: Test method previously listed as Enzyme Immunoassay. 1/20/2006: CPT 2006 updates 3/29/2007: CPT 2007 updates 12/3/2013: Update reference ranges for quantitative testing due to platform change. 6/30/2014: Reference range update for HBAB, Quantitative 1/16/2017: Update to SST. 5/15/2018: Moved to inhouse test at Children's.