Lab Dept: Serology

Test Name: HEPATITIS Be ANTIBODY (ANTI-HBe)

**General Information**

Lab Order Codes: HBE

Synonyms: Hepatitis Be Virus Antibody; Anti-HBe; Hepatitis Be Ab; HBeAb; Antibody to Hepatitis Be antigen

CPT Codes: 86707 – Hepatitis Be antibody (HBeAb)

Test Includes: Hepatitis Be Antibody level reported as positive, negative or equivocal.

**Logistics**

Test Indications: Useful for the differential diagnosis, staging, and prognosis of hepatitis B infection.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Medical Laboratories (MML Test: HEAB)

Phone Numbers:
- MIN Lab: 612-813-6280
- STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 - 2 days, test performed Monday – Saturday

Special Instructions: See Patient Preparation

**Specimen**

Specimen Type: Blood

Container: SST (Gold or marble- gel tubes only)

Draw Volume: 3 mL (Minimum: 1.5 mL) blood

Processed Volume: 1 mL (Minimum: 0.5 mL) serum

Collection: Routine blood collection
**Special Processing:** Lab Staff: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom plastic vial. Store and ship at frozen temperatures. Forward promptly.

**Patient Preparation:** For 24 hours before blood collection, do not take multivitamins or dietary supplements containing biotin (vitamin B7) that is commonly found in hair, skin and nail supplements and multivitamins.

**Sample Rejection:** Specimens other than serum, gross lipemia, gross hemolysis, grossly icteric; mislabeled or unlabeled specimens

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**Interpretive**

**Reference Range:** Negative (reported as negative, positive or equivocal)

Interpretation depends on clinical setting.

**Critical Values:** N/A

**Limitations:**
Absence or disappearance of HBeAg or anti-HBe does not rule out chronic hepatitis B carrier state and/or infectivity.

Performance characteristics have not been established for the following specimen characteristics: hemolysis, specimens containing particulate matter.

**Methodology:** Chemiluminescence Immunoassay (CIA)

**References:** [Mayo Medical Laboratories Web Page](https://www.mayoclinic.org) April 2007

**Updates:**
4/6/2004: Test moved from Memorial Blood Center of Minneapolis to Mayo Medical Laboratories.
12/24/2014: Method update, previously listed as Enzyme Immunoassay (EIA)
1/16/2016: Update to SST.