
Lab Dept: Serology

Test Name: HAEMOPHILUS INFLUENZA B IGG ANTIBODY

General Information

Lab Order Codes: ABHF

Synonyms: Haemophilus influenzae B IgG Antibodies; Anti-H. flu; Anti-PRP; Haemophilus influenzae B Vaccine Response; HIB Antibody

CPT Codes: 86684 – Antibody; Hemophilus influenza

Test Includes: *Haemophilus influenzae* B IgG Antibody level reported in mg/L.

Logistics

Test Indications: Useful for assessing a patient's immunological (IgG) response to HIB vaccine, assessing immunity against HIB and/or as an aid in the evaluation of immunodeficiency.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Clinic Laboratory (Test: HIBSG)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 - 4 days, test performed Monday, Wednesday, Friday

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: SST (Gold, marble or red)

Draw Volume: 1.5 mL (Minimum 1.2 mL) blood

Processed Volume: 0.5 mL (Minimum 0.4 mL) serum

Collection: Routine blood collection

Special Processing: Lab Staff: Centrifuge specimen, remove serum aliquot into a screw-capped plastic vial. Store and ship specimen at refrigerated temperatures. Forward promptly.

Patient Preparation: None

Sample Rejection: Specimens other than serum; gross lipemia; gross hemolysis; mislabeled or unlabeled specimens

Interpretive

Reference Range: All ages: ≥ 0.15 mg/L

Critical Values: N/A

Limitations: This assay does not provide diagnostic proof of the presence or absence of immune deficiency. Results must be confirmed by clinical findings and other laboratory tests.

Methodology: Enzyme Immunoassay (EIA)

References: [Mayo Clinic Laboratories Web Page](#) September 2021

Update: 4/22/2004: Test moved from Specialty Laboratories to Mayo Medical Laboratories forward to Focus Technologies, Inc.
6/9/2004: Test no longer forwarded to Focus Technologies from Mayo. Mayo performs this test internally as of June 2, 2004. Please note change in draw volume from 3.0 mL to 1.5 mL. Method has changed from Enzyme-Linked Immunosorbent Assay (ELISA) to Enzyme Immunoassay (EIA). Units have changed from ug/ml to mg/L.
9/30/2021: Updated Mayo order code.