
Lab Dept: Serology

Test Name: HEPATITIS A IgM ANTIBODY (ANTI-HAV IgM)

General Information

Lab Order Codes: HAVM

Synonyms: Hepatitis A Virus IgM Antibody; Anti-hepatitis A; Hepatitis A IgM

CPT Codes: 86709 – Hepatitis A antibody, IgM

Test Includes: Hepatitis A IgM Antibody reported positive or negative.

Logistics

Test Indications: Useful for diagnosis of a recent acute or subclinical hepatitis A infection. In most cases, antibody against hepatitis A antigen is detectable at the onset of symptoms (usually 15-45 days after exposure). Initial antibody consists almost entirely of the IgM subclass. Anti-HAV, IgM usually falls to undetectable levels 3-6 months after hepatitis A infection. Anti-HAV, IgG levels rise quickly once the virus is cleared and may persist for many years.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Medical Laboratories (Test: HAVM)

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: N/A

Specimen

Specimen Type: Blood

Container: SST (Gold or Marble) tube

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

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

Collection:	Routine venipuncture
Special Processing:	Lab Staff: Allow specimen to clot, centrifuge within 24 hours of collection, remove serum/plasma aliquot into a screw-capped round bottom plastic vial. Store and ship at frozen temperatures. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Specimens other than serum; gross hemolysis; multiple freeze thaw cycles; gross lipemia; grossly icteric; mislabeled or unlabeled specimens

Interpretive

Reference Range:	Negative
Critical Values:	N/A
Limitations:	<p>Positive anti-HAV IgM test results should be reported by the attending physician to the State Department of Health, as required by law in some states. Consider administration of immune globulin to contacts. Not useful for detection of acute hepatitis A following exposure and prior onset of symptoms.</p> <p>Not useful for detection of acute hepatitis A following exposure and prior onset of symptoms.</p>
Methodology:	Chemiluminescence Immunoassay (CIA)
References:	Mayo Medical Laboratories December 2014
Updates:	<p>4/6/2004: Test moved from Memorial Blood Center of Minneapolis to Mayo Medical Laboratories.</p> <p>12/23/2014: Method update, previously listed as Enzyme Immunoassay (EIA)</p> <p>1/16/2017: 1/16/17:Tube type to SST.</p>