Lab Dept:	**Serology**
Test Name:	**HEPATITIS A IgG ANTIBODY (ANTI-HAV IgG)**

General Information

Lab Order Codes:	HAIGG
Synonyms:	Anti-Hepatitis A Virus; HAAb IgG, total; Hepatitis A, IgG; Hepatitis A
CPT Codes:	86708 – Hepatitis A antibody (HAAb)
Test Includes:	Hepatitis A IgG antibody reported as negative, positive or equivocal. This assay measures both IgG and IgM antibody as a combined total reported as positive, negative or equivocal.

Logistics

Test Indications:	Demonstration of previous exposure and immunity to hepatitis A virus (HAV) infection.
Lab Testing Sections:	Serology - Sendouts
Referred to:	Mayo Medical Laboratories (Test: HAIGG)
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: 0.6 mL) blood
Processed Volume:	1 mL (Minimum: 0.2 mL) serum
Collection:	Routine venipuncture

Special Processing:	Lab staff: Centrifuge specimen, remove serum into a screw-capped round bottom plastic vial. Store and ship at refrigerated temperatures. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Specimens other than serum, grossly hemolyzed or icteric, unlabeled or mislabeled specimens

Interpretive

Reference Range:	Unvaccinated: Negative Vaccinated: Positive Interpretation: This assay detects the presence of hepatitis A virus (HAV)-specific IgG antibody in serum. A negative result indicates the absence of HAV-specific IgG antibody, implying no past exposure or immunity to HAV infection. A positive result indicates the presence of HAV-specific IgG antibody from either vaccination or past exposure to hepatitis A virus.
Critical Values:	N/A
Limitations:	Passively acquired IgG antibody from recent immune globulin administration or transfusion may result in transient-positive test result. The presence of heterophilic antibodies, cytomegalovirus (CMV)-specific antibodies, or human antimouse antibodies (in patients who have received preparations of mouse monoclonal antibodies for diagnosis or therapy) in serummay interfere with the assay and cause erroneous results (false-positive or false-negative). Performance characteristics have not been established for the following: grossly icteric (total bilirubin >20 mg/dL), grossly hemolyzed (hgb level >500 mg/dL), grossly lipmeic (triolein level >3,000 mg/dL), containing particulate matter, cadaveric specimens.
Methodology:	Chemiluminescenct Microparticle Immunoassay (CMIA)
References:	Mayo Medical Laboratories September 2017
Updates:	4/6/2004: Test moved from Memorial Blood Center of Minneapolis to Mayo Medical Laboratories. 1/16/2017: Tube update to SST. 9/21/2017: Storage temp update, method update