
Lab Dept: Serology

Test Name: INFLUENZA VIRUS A IGG & IGM ANTIBODIES

General Information

Lab Order Codes: IFLA

Synonyms: N/A

CPT Codes: 86710 x2 – Antibody; influenza virus

Test Includes: Separate determinations of Influenza Virus A IgG and IgM reported as titers.

Logistics

Test Indications: Determination of recent infection when isolation of the organism by culture is unsuccessful. Incidence of influenza is seasonal in the United States and usually occurs only from November to March.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Medical Laboratories (Test# SFLA)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 – 3 days, testing set up Monday - Friday

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: SST (Gold, marble or red) tube

Draw Volume: 1 mL (Minimum: 0.45 mL) blood

Processed Volume: 0.25 mL (Minimum: 0.15 mL) serum

Collection: Routine venipuncture

Special Processing: Lab Staff: Centrifuge specimen, remove serum aliquot and place in a round bottom, screw-capped plastic vial. Store and ship refrigerated. Forward promptly.

Patient Preparation: None

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

Interpretive

Reference Range:

IgG:<1:10

IgM:<1:10

The presence of IgM class antibodies or a fourfold or greater rise in paired sera IgG titers indicates recent infection. The presence of IgG class antibody generally indicates past exposure.

Critical Values: N/A

Limitations: Influenza virus infections occur exclusively from November through March.

Methodology: Immunofluorescence

References: [Mayo Medical Laboratories](#) December 2017
Phone: 1-800-533-1710

Updates: 12/21/2017: Collection container update.