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**Lab Dept:** Serology

**Test Name:** INFLUENZA VIRUS A IGG & IGM ANTIBODIES

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***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.

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***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

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***Specimen***

**Specimen Type:** Blood

**Container:** Red top 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

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***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](#) November 2012  
Phone: 1-800-533-1710