
Lab Dept: Serology

Test Name: ADENOVIRUS TOTAL ANTIBODY

General Information

Lab Order Codes: ADV

Synonyms: Adenovirus IgG and IgM Antibodies, Total

CPT Codes: 86603 – Antibody, adenovirus

Test Includes: A titer for IgM and IgG total Adenovirus antibodies.

Logistics

Test Indications: Diagnosis of active adenovirus infections.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Medical Laboratories forward to Focus Diagnostics (Test: 91728/FADV (40100))

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 4 - 7 days, performed Monday - Friday

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Red top 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: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom plastic vial. Store and ship at ambient temperatures. Forward promptly.

Patient Preparation: None

Sample Rejection: Specimens other than serum, mislabeled or unlabeled specimens

Interpretive

Reference Range:	Total Ab (IgG & IgM):	<1:8 Antibody Not Detected
		≥1:8 Antibody Detected
Single titers of ≥1:64 are indicative of recent or current infection. Titers of 1:8 – 1:32 may be indicative of either past or recent infection, since complement fixation antibody levels persist for only a few months. A four-fold or greater increase in titer between acute and convalescent specimens confirms the diagnosis.		

Critical Values: N/A

Limitations: N/A

Methodology: Complement fixation (CF)

References: [Mayo Medical Laboratories Web Page](#) (July 2013)

[Focus Diagnostics Web Page](#) (July 2013)

Updates: 3/17/2004: Test moved from Lab Corp (Viomed) to Mayo Medical Laboratories.
3/28/2007: Mayo no longer performs the IgG and IgM specific test and now forwards this test to Focus. Focus only performs the total ab test by complement fixation. Note change in reference range.
9/22/2010: Storage temp change from refrigerated to ambient.