

Adenovirus DNA Detection and Quantification, Plasma

Test ID: ADVQU

Useful for:

Aiding in the diagnosis of disseminated adenovirus infections in at-risk individuals.

Measuring adenoviral load in plasma to monitor disease progression and antiviral response in individuals with disseminated infection.

Method:

Real-Time (Quantitative) Polymerase Chain Reaction (rt-qPCR)

Reference Values:

Undetected

Specimen Requirements:

Supplies Sarstedt Aliquot Tube, 5 mL (T914)

Collection Container/Tube: Lavender top (EDTA)

Submission Container/Tube: Plastic vial

Specimen Volume: 1.5 mL (plasma)

Collection Instructions: 1. Centrifuge blood collection tube per manufacturer's instructions (eg, centrifuge and aliquot within 2 hours of collection for BD Vacutainer tubes).

2. Aliquot plasma into plastic vial.

Minimum Volume: 0.8 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Plasma EDTA	Frozen (preferred)	30 days
	Refrigerated	6 days

Cautions:

Adenovirus (ADV) DNA test results should be used as an aid in diagnosis and should not be considered diagnostic in themselves.

Although the reference range is generally considered to be "Undetected" for this assay, adenovirus DNA may be detected from asymptomatic individuals in certain settings. This assay should only be used to test at-risk patients with clinical history and symptoms consistent with disseminated adenovirus disease and is not used to screen otherwise healthy individuals.

Only EDTA-plasma specimens are acceptable for testing with this assay. Visibly lipemic plasma specimens are not acceptable, as ADV DNA may be undetectable or under-quantified due to possible complete or partial polymerase chain reaction inhibition.

Due to differences in design and analytical performance for different assays detecting and quantifying ADV DNA in human plasma specimens, serial testing for ADV load in plasma of a given patient over time should be performed using the same molecular assay.

CPT Code:

87799

Day(s) Performed: Tuesday, Friday

Report Available: 1 to 4 days

Note:

The following referral test code(s) will become obsolete.

Test Name	Test ID	Referral Lab Code	Referral Lab
Adenovirus DNA, Quantitative Real-Time PCR, Plasma	FADNA	19726	Quest Diagnostics
Adenovirus DNA, Quantitative Real-Time PCR, WB	FADQP	19726	Quest Diagnostics

Questions

Contact James Conn, Laboratory Resource Coordinator at 800-533-1710.