MAYO CLINIC LABORATORIES

Test Definition: FADBC

Adenosine Deaminase, RBC

Overview

Method Name
Kinetic Spectrophotometry

NY State Available
No

Specimen

Specimen Type
Whole Blood EDTA

Specimen Required
Container/Tube: Lavender top (EDTA), pink top (K2 EDTA), or green top (sodium or lithium heparin)
Specimen Volume: 1 mL
Collection Instructions:
1. Send whole blood in original tube.
2. Send refrigerated.

Specimen Minimum Volume
0.5 mL

Reject Due To

Hemolysis	Reject

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Whole Blood EDTA	Refrigerated (preferred)	15 days	
	Ambient	15 days	

Clinical & Interpretive

Clinical Information
Refer to https://ltd.aruplab.com/

Reference Values
400-900 mU/g Hb

Interpretation

Affected individuals have less than 1% of normal adenosine deaminase (ADA) catalytic activity in red cell hemolysates. ADA deficiency is the cause of 20% to 30% of severe combined immunodeficiency (SCID) cases. If the patient has been recently transfused, ADA deficiency may be masked; interpret results with caution. Heterozygotes cannot be identified by this test.

Performance

PDF Report

No

Day(s) Performed

Tuesday, Thursday, Sunday

Report Available

3 to 11 days

Performing Laboratory Location

ARUP Laboratories

Fees & Codes

Fees

- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

Test Classification

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

CPT Code Information

82657

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FADBC	Adenosine Deaminase RBC	47549-1

Result ID	Test Result Name	Result LOINC® Value

FADBC	Adenosine Deaminase RBC	47549-1