MAYO CLINIC LABORATORIES

Test Definition: ALUPO

Lupus Anticoagulant Profile Interpretation

Overview

Useful For

Interpretation of testing performed as part of a profile to confirme or exclude the presence of lupus anticoagulant (LAC), distinguishing LAC from specific coagulation factor inhibitors and nonspecific inhibitors

Interpretation of testing performed as part of a profile to investigatie a prolonged activated thromboplastin time, especially when combined with other coagulation studies

This test is **not useful** for the detection of antiphospholipid antibodies that do not affect coagulation tests. We recommend separate testing for serum phospholipid (cardiolipin) antibodies.

Method Name

Only orderable as a reflex. For more information see ALUPP / Lupus Anticoagulant Profile, Plasma.

Medical Interpretation

NY State Available

Yes

Specimen

Specimen Type

Plasma Na Cit

Reject Due To

Gross hemolysis	Reject
Gross lipemia	Reject
Gross icterus	Reject

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Plasma Na Cit	Frozen	14 days	

Clinical & Interpretive

Clinical Information

Lupus anticoagulant (LAC) is an antibody to negatively charged phospholipid that interferes with phospholipid-dependent coagulation tests.

LAC is found in, but not limited to, patients with systemic lupus erythematosus; LAC is associated with other autoimmune disorders and collagen vascular disease and occurs in response to medications or certain infections (eg, respiratory tract infections in children) and in individuals with no obvious underlying disease.

LAC has been associated with arterial and venous thrombosis and fetal loss. Individuals with thrombocytopenia or factor II deficiency associated with LAC may be at risk for bleeding.

Reference Values

Only orderable as a reflex. For more information see ALUPP / Lupus Anticoagulant Profile, Plasma.

An interpretive report will be provided.

Interpretation

An interpretive report will be provided when testing is complete, noting a presence or absence of a lupus anticoagulant.

Cautions

No specific cautionary statements

Clinical Reference

1. Arnout J, Vermylen J. Current status and implications of autoimmune antiphospholipid antibodies in relation to thrombotic disease. J Thromb Haemost. 2003;1(5):931-942
2. Levin JS, Branch DW, Rauch J.: The antiphospholipid syndrome. New Engl J Med. 2002;346(10):752-763
3. Proven A, Bartlett RP, Moder KG, et al. Clinical importance of positive tests for lupus anticoagulant and anticardiolipin antibodies. Mayo Clin Proc. 2004;79(4):467-475
4. Favaloro EJ, Lippi G, eds. Hemostasis and Thrombosis: Methods and Protocols. Humana Press; 2017

Performance

Method Description

A coagulation expert (clinician or hematopathologist) reviews the laboratory data and an interpretive report is issued.

PDF Report

No

Day(s) Performed

Monday through Friday

Report Available

3 to 5 days

Specimen Retention Time

7 days

Performing Laboratory Location

Rochester

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

Not Applicable

CPT Code Information

85390-26 Special Coagulation Interpretation

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
ALUPO	Lupus Anticoagulant Interp	75882-1

Result ID	Test Result Name	Result LOINC® Value
603185	Reviewed by	18771-6
603465	Lupus Anticoagulant Interp	75882-1