

## Overview

### Useful For

Interpretation of testing performed as part of a profile to confirm 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 investigate 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, Vermeylen 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**

Mayo Clinic Laboratories - Rochester Main Campus

**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