

Euglobulin Clot Lysis Time

Order Name: **EUG LYSIS**
Test Number: 1500950
Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
Euglobulin Clot Lysis Time	See Test Notes	3244-1

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	2 mL (1 mL)	Plasma	Sodium Citrate 3.2% (Blue Top)	Frozen

Instructions

Specimen Type: Blue-top (sodium citrate) tube
Specimen Storage: **FREEZE**
Specimen Collection: CITRATED PLASMA SAMPLES SHOULD BE COLLECTED BY DOUBLE CENTRIFUGATION. Blood should be collected in a blue-top tube containing 3.2% buffered sodium citrate.[1] Evacuated collection tubes must be filled to completion to ensure a proper blood to anticoagulant ratio.[2,3] The sample should be mixed immediately by gentle inversion at least six times to ensure adequate mixing of the anti-coagulant with the blood. A discard tube is not required prior to collection of coagulation samples except when using a winged blood collection device (i.e. 'butterfly'), in which case a discard tube should be used.[4,5] When noncitrate tubes are collected for other tests, collect sterile and nonadditive (red-top) tubes prior to citrate (blue-top) tubes. Any tube containing an alternate anticoagulant should be collected after the blue- top tube. Gel-barrier tubes and serum tubes with clot initiators should also be collected after the citrate tubes. Centrifuge for 10 minutes and carefully remove 2/3 of the plasma using a plastic transfer pipette, being careful not to disturb the cells. Deliver to a plastic transport tube, cap, and recentrifuge for 10 minutes. Use a second plastic pipette to remove plasma, staying clear of the platelets at the bottom of the tube. Transfer the plasma into a LabCorp PP transpak frozen purple tube with screw cap (LabCorp 49482). **FREEZE immediately and maintain frozen until tested.** To avoid delays in turnaround time when requesting multiple tests on frozen samples, please submit separate frozen specimens for each test requested. Please print and use the Volume Guide for Coagulation Testing to ensure proper draw volume.
Special Instructions: Testing is performed at Esoterix Coagulation Laboratory: UY#300403
Specimen Stability: Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available

GENERAL INFORMATION

Expected TAT	4 - 8 days
Performing Labcorp Test Code	500055
Notes	<p>Methodology</p> <p>The euglobulin fraction of the plasma refers to plasma proteins that precipitate at low pH and decreased ionic strength.⁶ In the ELT test, plasma inhibitors of fibrinolysis are physically removed and the reaction of fibrinogen, plasminogen, and plasminogen activators are assayed. The precipitate also includes tissue plasminogen activators, plasminogen, plasmin, and fibrinogen. The inhibitors of lysis, 2-antiplasmin, and 2-macroglobulin, do not precipitate. In the test system, the euglobulin precipitate is redissolved in buffer, and clotting is initiated with calcium. The assay is performed in a microtiter plate. The time required for the intrinsic plasmin to lyse the fibrin clot equates to the euglobulin lysis time.</p> <p>Labcorp Test Code: 500055</p>
CPT Code(s)	85360
Lab Section	Reference Lab