

C1 ESTERASE INHIBITOR FUNCTION

Orderable – C1INF

Turnaround Time: 15 days

Alternate Name(s):

C1INF
C1 Inhibitor function
C1 Esterase Inhibitor functional assay



Laboratory:
Clinical Immunology Lab

Specimen:

4.5 mL (3.2% Sodium Citrate) Light Blue top Vacutainer tube



Requisition:
GENERAL LABORATORY
REQUISITION

Collection Information:



Method of Analysis:
Chromogenic

The only acceptable sample is Sodium Citrate Plasma.
1 mL plasma is required for testing.
Separate platelet-poor plasma immediately. Freeze as soon as possible.
Specify "Functional" on requisition.



Test Schedule:
Referred out Monday-
Thursday

Reference Ranges:

0.75 - 1.59 U/mL



Referred Out Location:
[In-Common Laboratories](#)

Interpretive Comments:

This test evaluates the functional activity of C1 inhibitor protein utilizing a chromogenic based method.

For proper assessment of angioedema please correlate with other clinical features and with the results of quantitative levels of both C1 inhibitor protein and C4.

This assay is sensitive to sample handling and storage conditions. A repeat test with a fresh sample is recommended for results with borderline low/abnormal functional activity (0.69 - 0.74 U/mL)



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Special Processing:

Centrifuge at 4°C and separate platelet-poor plasma immediately. Freeze as soon as possible.

Comments:

This test is available exclusively to LHSC/SJH physicians.

For more information, please contact:

Senior Technologist
Immunology Lab
519-685-8500 ext. 35541

Storage and Shipment:

Store and send frozen. If the specimen thaws, it is unsuitable for analysis.