

Factor 12 (XII) Activity

Order Name: **FACTOR 12**

Test Number: 1501350

Revision Date: 12/23/2024

| TEST NAME | METHODOLOGY | LOINC CODE |
|--------------------------|----------------|------------|
| Factor 12 (XII) Activity | Clot Detection | 3232-6 |

SPECIMEN REQUIREMENTS

| Specimen | Specimen Volume (min) | Specimen Type | Specimen Container | Transport Environment |
|-----------|-----------------------|-----------------------------|------------------------------|-----------------------|
| Preferred | 1 mL | Double Spun NaCitate Plasma | Sterile, Capped Plastic Tube | Frozen |

Instructions

Collect 2.7mL Sodium Citrate 3.2% (Blue Top) tube must be filled to the proper level, no hemolysis. Improperly filled tubes can give erroneous results.

The specimen must be double spun then 1mL plasma aliquot into individual plastic aliquot tubes and freeze.

Stability Requirements: Room temperature n/a, Refrigerated n/a, Frozen 28 days (Freeze/thaw cycles Stable x3)

Patient Preparation: Ideally, the patient should not be on anticoagulant therapy. Avoid warfarin (Coumadin®) therapy for two weeks prior to the test and heparin, direct Xa, and thrombin inhibitor therapies for about three days prior to testing. Do not draw from an arm with a heparin lock or heparinized catheter. **Please indicate anticoagulant therapy.**

Cause for Rejection: Severe hemolysis; improper labeling; clotted specimen; specimen diluted with I.V. fluids; samples thawed in transit; improper sample type; sample out of stability

GENERAL INFORMATION

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|------------------------------|--|
| Expected TAT | 3-7 Days |
| Clinical Use | This assay measures the clotting ability of Factor 12. This test is used to evaluate a prolonged aPTT and detect specific coagulation factor XII activity. Direct Xa or thrombin inhibitor therapy may cause factitiously low results. |
| Performing Labcorp Test Code | 086322 |
| CPT Code(s) | 85280 |
| Lab Section | Reference Lab |