

Cryoglobulin, Qualitative With Quantitative Reflex

Order Name: **CRYOGLOB**
Test Number: 5500500
Revision Date: 08/11/2025

TEST NAME	METHODOLOGY	LOINC CODE
Cryoglobulin, Qualitative With Quantitative Reflex	Precipitation	12201-0

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	3 mL (2)	Serum	No Additive Clot (Red Top, No-Gel, Plastic)	See Instructions
Instructions	<p>Specimen: 3mL(2mL) Serum, prewarmed from Red-top tube (no gel)</p> <p>Collection: Specimen must be drawn in a prewarmed tube and kept at 37°C while clotting. Separate serum from cells immediately after clot formation (keep at 37°C while clotting), and transfer serum into a clean transport tube. Label transport tube "Prewarmed."</p> <p>Patient Preparation: Patient should be fasting.</p> <p>Cause for Rejection: Specimen not allowed to clot at 37(degrees)C; patient not fasting; lipemia; gel-barrier tube used for collection; whole blood received.</p>			

GENERAL INFORMATION

Expected TAT

4-9 Days

Clinical Use

These are proteins that precipitate from blood at low temperatures. A precipitate from serum that forms overnight at 4°C and dissolves at 37° C is called a cryoglobulin.

Cryoglobulins may be divided into three classes. Type I are monoclonal immunoglobulins and are usually associated with lymphoproliferative disorders. Type II are mixtures of a monoclonal IgM and polyclonal IgG, and are associated with macroglobulinemia and chronic active hepatitis. Type III are mixtures of polyclonal IgM and polyclonal IgG. These are found in a wide variety of disorders. A high percentage of patients with cryoglobulinemia have clinical symptoms, and of these the most common are vascular (ie, purpura and digital necrosis). Raynaud phenomenon is also common.

Patients with SLE who are rheumatoid factor-negative but cryoglobulin-positive are more likely to develop renal disease than those who are rheumatoid factor-positive and cryoglobulin-negative.

Notes


Reflex Order Code **[5197170]** Rflx Immunofixation Elect

RESULT CODE	RESULT NAME	RESULT LONG NAME
5197172	Cryoglobulin %	15174-6
5197173	IFE Result, Cryoprecipitant	48638-1

CPT Code(s)

82595 (If Positive reflex Immunofixation Electrophoresis testing is performed at additional cost 86334)

Service Provided By

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