



# Test Definition: HMGCR

3-Hydroxy-3-Methylglutaryl Coenzyme-A  
(HMG-CoA) Reductase, Serum

**Reporting Title:** HMG-CoA Reductase Ab, S

**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus

**Ordering Guidance:**

NMS1 / Necrotizing Myopathy Evaluation, Serum is the preferred first tier test for identification of antibodies specific for necrotizing autoimmune myopathy (HMGCOA-IgG and SRP-IgG). This initial evaluation includes signal recognition particle (SRP) antibodies performed using tissue indirect immunofluorescence, which increases the clinical sensitivity as compared to SRP immunoblot methodologies.

**Specimen Requirements:**

**Collection Container/Tube:**

**Preferred:** Red top

**Acceptable:** Serum gel

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 2 mL

**Collection Instructions:** Centrifuge and aliquot serum into a plastic vial.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	28 days	
	Ambient	72 hours	
	Frozen	28 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
607414	HMG-CoA Reductase Ab, S	Alphanumeric	CU	93493-5

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

82397

**Reference Values:**

<20.0 CU