

Anti-HMGCR Ab

 Order Name: **HMGCR AB**

Test Number: 5194380

Revision Date: 03/27/2025

TEST NAME	METHODOLOGY	LOINC CODE
Anti-HMGCR Ab	Chemiluminescence Assay	95726-6

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	2 mL (0.5 mL)	Serum	Clot Activator (SST or Red No-Gel)	Refrigerated
Instructions	Notes: 1 mL (0.5 mL) Note: This volume Does not allow for repeat testing. Specimen Type: gel-barrier tube or Red-top tube Specimen Storage: Refrigerated Specimen Collection: Separate serum from cells within one hour of collection. Transfer to a plastic transport tube before shipping. Special Instructions: Testing is performed at Esoterix Inc. ESECF# Specimen Stability: Ambient: 48 hours, Refrigerated : 14 days, Frozen: 14 days (Freeze/thaw cycles Stable x3) Cause for Rejection: gross hemolysis, lipemia and icterus			

GENERAL INFORMATION

Expected TAT	7 to 10 days
Clinical Use	1. Not all idiopathic inflammatory myopathy patients are positive for HMGCR antibodies. 2. Results of this assay should be used in conjunction with clinical findings and other serological tests. 3. Failure to adequately resuspend the HMGCR coated beads may yield lower values than if the beads are properly re-suspended. 4. The performance characteristics of this assay have not been established for matrices other than serum.
	Bottai M, Tjarnlund A, Santoni G, et al. EULAR/ACR classification criteria for adult and juvenile idiopathic inflammatory myopathies and their major subgroups: a methodology report. <i>RMD Open</i> . 2017 Nov 14;3(2):e000507. 29177080 Christopher-Stine L, Casciola-Rosen LA, Hong G, Chung T, Corse AM, Mammen AL. A novel autoantibody recognizing 200-kd and 100-kd proteins is associated with an immune-mediated necrotizing myopathy. <i>Arthritis Rheum</i> . 2010 Sep;62(9):2757-2766. 20496415 Musset L, Allenbach Y, Benveniste O, et al. Anti-HMGCR antibodies as a biomarker for immune-mediated necrotizing myopathies: A history of statins and experience from a large international multi-center study. <i>Autoimmun Rev</i> . 2016 Oct;15(10):983-993. 27491568
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