

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	<p><b>Notes:</b> 1 mL (0.5 mL) Note: This volume Does not allow for repeat testing.)</p> <p><b>Specimen Type:</b> gel-barrier tube or Red-top tube</p> <p><b>Specimen Storage:</b> Refrigerated</p> <p><b>Specimen Collection:</b> Separate serum from cells within one hour of collection. Transfer to a plastic transport tube before shipping.</p> <p><b>Special Instructions:</b> Testing is performed at Esoterix Inc. ESECF#</p> <p><b>Specimen Stability:</b> Ambient: 48 hours, Refrigerated : 14 days, Frozen: 14 days (Freeze/thaw cycles Stable x3)</p> <p><b>Cause for Rejection:</b> gross hemolysis, lipemia and icterus</p>			

GENERAL INFORMATION	
Expected TAT	7 to 10 days
Clinical Use	<p>1. Not all idiopathic inflammatory myopathy patients are positive for HMGCR antibodies.</p> <p>2. Results of this assay should be used in conjunction with clinical findings and other serological tests.</p> <p>3. Failure to adequately resuspend the HMGCR coated beads may yield lower values than if the beads are properly re-suspended.</p> <p>4. The performance characteristics of this assay have not been established for matrices other than serum.</p> <p>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. RMD Open. 2017 Nov 14;3(2):e000507. 29177080</p> <p>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. Arthritis Rheum. 2010 Sep;62(9):2757-2766. 20496415</p> <p>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. Autoimmun Rev. 2016 Oct;15(10):983-993. 27491568</p>
Performing Labcorp Test Code	520385
CPT Code(s)	83516
Lab Section	Reference Lab