

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

### GENERAL INFORMATION

<b>Expected TAT</b>	7 to 10 days
<b>Clinical Use</b>	<ol style="list-style-type: none"> <li>Not all idiopathic inflammatory myopathy patients are positive for HMGCR antibodies.</li> <li>Results of this assay should be used in conjunction with clinical findings and other serological tests.</li> <li>Failure to adequately resuspend the HMGCR coated beads may yield lower values than if the beads are properly re-suspended.</li> <li>The performance characteristics of this assay have not been established for matrices other than serum.</li> </ol> <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  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  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>
<b>Performing Labcorp Test Code</b>	520385
<b>CPT Code(s)</b>	83516
<b>Lab Section</b>	Reference Lab