


Anti-HMGCR Ab

Order Name: **HMGCR AB**
Test Number: **5194380**
Revision Date: **03/27/2025**

| TEST NAME | METHODOLOGY | LOINC CODE |
|---------------|--------------------------------|------------|
| Anti-HMGCR Ab | <u>Chemiluminescence Assay</u> | 95726-6 |

| SPECIMEN REQUIREMENTS | | | | |
|-----------------------|--|---------------|---|-----------------------|
| Specimen | Specimen Volume (mL) | Specimen Type | Specimen Container | Transport Environment |
| Preferred | 2 mL (0.5 mL) | Serum | Clot Activator (SST or Red No-Gel) | Refrigerated |
| Instructions | <p>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</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> |
| CPT Code(s) | 83516 |
| Service Provided By |  labcorp Oklahoma, Inc. |