Change in Instrumentation/Methodologies: Serum Myoglobin

Offering our clients state-of-the-art testing is part of CPL's ongoing commitment to excellence.

Effective August 2, 2021, Clinical Pathology Laboratories is pleased to announce a change in instrumentation/ methodology and reference range for Serum Myoglobin with transition to the Roche Cobas electrochemiluminescence immunoassay (ECLIA) method. Previously, Serum Myoglobin testing was performed on the Beckman Coulter DxI by paramagnetic particle chemiluminescent immunoassay.

The determination of myoglobin in serum is an important factor in the diagnosis of acute myocardial infarction (AMI), early reinfarction and successful reperfusion following lysis therapy.

Changes in reporting:

Assay	Test Code	Prior Reference Range	New Reference Range
Serum Myoglobin	4249	Male: 17 -106 ng/dL Female: 14 – 66 ng/dL	Male: 28-72 ng/dL Female: 25-58 ng/dL

Order Unit Codes and Test Names:	**4249 Myoglobin, Serum**
Specimen Requirements:	1 mL serum. Allow sst to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Do not collect samples from patients receiving therapy with high biotin doses (>5 mg/day) until at least 8 hours following the last biotin administration.
Transport Temperature:	Refrigerated
Stability (collection to initiation of testing):	Room Temperature 15-25°C: 7 days Refrigerated 2-8°C: 7 days Frozen (-15) - (-25)°C: 1 month
Performed:	Monday through Friday / PM Shift
Analytic Time:	1 day
CPT Code:	83874

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