

Muscle tyrosine kinase antibodies

General:

The muscle-specific kinase (MuSK) is a receptor tyrosine kinase, molecular weight 97.0 kDa; located on chromosome 9q31.3-q32, and is specifically expressed in skeletal muscle. MuSK is an integral component of the agrin receptors located in the myoeceptor. The activation through agrin leads to the cluster formation of acetylcholine receptors (AChR) and other proteins (i.e. rapsyn) on synapses and to an increased transcription by a complex signal transduction proximate cell nuclei.

Indication: Myasthenia patients with atypical clinical symptoms; suspicion of Myasthenia gravis with anti-acetylcholine receptor antibody-negative results.

Material: 1 ml serum

TAT: 7-10 days*

Method: RIA

Units: Ratio

Ref.- range: <10.0

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>