

Division of Laboratory Medicine

Immunology

Myositis Antibodies

General information

Analysis includes: Mi-2 (α and β), TIF1 γ , MDA5, NXP2, SAE1, KU, proteins of the nucleolar PM-Scl macromolecular complex (PM-Scl75 and PM-Scl100), Jo1, SRP, PL-7, PL-12, EJ, OJ and Ro52. Used to detect and identify individual myositis-specific antigens characteristic of autoimmune myositides.

Specimen transport: At room temperature

Repeat frequency: At significant change of clinical symptoms

Special precautions: None

Laboratory information

Normal reference range: Negative

Volume and sample type: 7ml clotted blood

Method: Immunoblot

Turnaround time (calendar days from sample receipt to authorised result): Median – 6

Participation in EQA scheme: UK NEQAS for Myositis Associated Antibodies and Euroimmun Antibodies in Autoimmune Myopathies

Clinical information

Indications for the test: To diagnose and monitor suspected Inflammatory Myopathies including Dermatomyositis, Juvenile Myositis, Polymyositis, idiopathic myositis, anti-synthetase syndrome and overlapping syndrome.

Factors affecting the test: The Myositis ENA assay is very sensitive and therefore false positive results may occur. Please interpret the results in the context of the clinical feature and if you have any queries about the results, please contact the Rheumatology Neuromuscular clinic at Salford Royal Hospital

(Last updated October 2020)