



Myelin-Associated Glycoprotein Antibodies

Synonyms	MAG antibodies
Clinical Indication	Investigation of patients with sensory and motor changes such as muscle weakness, numbness, absent reflexes, etc. associated with chronic demyelinating peripheral neuropathies, especially those with IgM paraproteinaemia.
Part of Profile / See Also	
Request Form	Combined Pathology manual Blood form or ICE request
Availability / Frequency of Analysis	Referred test: Analysed by Immunology, Oxford University Hospital 8782 Available for request from Consultant Neurologist
Turnaround Time	1 month
Patient Preparation	None required
Sample Requirements	*Please note a separate sample is required when Immunology tests are requested in addition to Biochemistry tests*
Specimen Type	Serum
Volume	2ml
Container	 Yellow top (SST) tube Or  Paediatric Yellow top (SST) tube
Reference Range & Units	Negative: <1000 BTU (Bulhmann Titre Units) Low Positive: 1000-3000 BTU High Positive: > 70000 BTU
Interferences	
Interpretation & Clinical Decision Value (if applicable)	MAG autoantibodies, contribute directly to the pathogenesis of peripheral neuropathies. MAG antibodies are detected in 50 to 60% of patients with neuropathy associated with IgM paraproteinaemia. Patients with anti-MAG antibody may respond favourably to therapeutic intervention. Testing for the presence of these autoantibodies is useful for diagnosis as well as monitoring of therapy.
References	https://www.ouh.nhs.uk/immunology/diagnostic-tests/tests-catalogue/myelin-associated-glycoprotein-antibodies.aspx

Test code

MAG

Lab Handling

Aliquot and store at 4°C prior to testing and at -20°C or below for up to one month after receipt.



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