

Myeloperoxidase (MPO) antibodies

General information

Autoantibodies to myeloperoxidase are found in the sera of patients with various types of systemic vasculitis including (idiopathic crescentic glomerulonephritis), Churg-Strauss syndrome, microscopic polyangiitis and polyarteritis nodosa. Also see section on ANCA.

Specimen transport: At room temperature

Repeat frequency: Used to monitor response to treatment and risk of relapse

Special precautions: None

Laboratory information

Normal range: <0-0.9 AI

Volume and sample type: 7ml clotted blood

Method: Multiplex Flow Immunoassay

Participation in EQA Scheme: UK NEQAS for Autoimmune Serology ANCA and GBM

Turnaround time (calendar days from sample receipt to authorised result): Median - 1

Clinical information

Indications for the test: Investigation of patients with systemic vasculitis

Factors affecting the test: None

ICE reference: MPO Antibodies

(Last updated May 2021)