

Division of Laboratory Medicine

Immunology

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: 4ml serum

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

(Last updated October 2023)