

Glomerular basement membrane antibodies

General information

Diagnostic test for Goodpasture's syndrome (anti GBM disease)

Specimen transport: At room temperature

Repeat frequency: At significant change of clinical symptoms and post treatment monitoring

Special precautions: Please notify the laboratory if you require an anti GBM antibody result urgently (phone: 0161 276 6440).

Laboratory information

Normal reference range: <0-0.9 AI

Volume and sample type: 7ml clotted blood

Method: Multiplex Flow Immunoassay

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

Clinical information

Indications for the test: Rapidly progressive glomerulonephritis.

Factors affecting the test: In comparison to biopsy proven cases of GBM disease, ELISA tests for antiGBM antibodies have been shown to have a clinical diagnosis agreement of 97%, a sensitivity of 87% and a specificity of 98%. A small number of patients with other renal diseases - systemic vasculitis, SLE and mixed connective tissue disease may exhibit borderline titres.

ICE reference: GBM Antibodies

(Last updated August 2018)