

Glomerular basal membrane antibodies

General:

The anti-glomerular basement membrane antibody (anti-GBM) targets the so-called Goodpasture-autoantigen (GPA), which is located in the C-terminal non-helical range of the $\alpha 3$ -chain of collagen IV (Mr 161.7 kDa; chromosome 2q35-q37) of the glomerular basement membrane and is found also in lung, cochlear and eye. Tissue injury is mediated by anti-GBM antibodies that bind glomerular (and alveolar) basement membranes.

Indication: Suspicion of autoimmune glomerulonephritis, Goodpasture's syndrome, rapidly progressive glomerulonephritis, lung hemorrhage.

Material: 2 ml serum

TAT: 7-10 days*

Method: FIA

Units: AI

Ref.- range: >1.0 positive 0.7-1.0 borderline

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>