TEST CHANGE

Glomerular Basement Membrane Antibody, IgG by Multiplex Bead Assay and IFA

2008403, GBM-G PAN

Specimen Requirements:	
Patient Preparation:	
Collect:	Serum separator tube.
Specimen Preparation:	Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL)
Transport Temperature:	Refrigerated.
Unacceptable Conditions:	
Remarks:	
Stability:	After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 30 days~~1 year~~ (avoid repeated freeze/thaw cycles)
Methodology:	Semi-Quantitative Multiplex Bead Assay / Qualitative Indirect Fluorescent Antibody (IFA)
Note:	
CPT Codes:	83516; 86255
New York DOH Approval Status:	This test is New York DOH approved.

Interpretive Data:

When present, IgG antibody to glomerular basement membrane (GBM) antigen detected by either indirect fluorescent antibody (IFA) or multiplex bead assay helps support a diagnosis of Goodpasture syndrome. However, the combined result of both assays performed during initial evaluation improves the diagnostic sensitivity for disease. A positive result in one or both assays should be confirmed by renal biopsy.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Component	Interpretation	
Glomerular Basement Membrane Antibody, IgG by Multiplex Bead Assay	19 AU/mL or less 20-25 AU/mL 26 AU/mL or greater	Negative Equivocal Positive

Reference Interval:

Test Number	Components	Reference Interval
	GBM Ab, IgG by Multiplex Bead Assay	0-19 AU/mL
	GBM Antibody, IgG by IFA	Negative