

MPO, PR3, and GBM Vasculitis Serologies – New Tests Available at VCU Health Clinical Immunology Laboratory

Orderable: **Anti-Myeloperoxidase Antibodies [LAB1230309]**
 Antiproteinase 3 (PR3) Antibodies [LAB1230122]
 Anti-Glomerular Basement Membrane Antibodies [LAB727]

Beginning April 2, 2025, the VCU Health Clinical Immunology Laboratory will begin testing for these vasculitis-associated antibodies by multiplex flow immunoassay. Myeloperoxidase (MPO), Proteinase 3 (PR3) and Glomerular Basement Membrane (GBM) antibodies are currently being referred to LabCorp. This is the same assay utilized by LabCorp, and results will be reported similarly (Negative <1.0 AI* and Positive ≥1.0 AI*). MPO, PR3, and GBM antibodies are available as individual orders in Epic.

TEST	SPECIMEN	NEGATIVE	POSITIVE	TAT
Anti-Myeloperoxidase Antibodies (MPO)	1mL whole blood SST (Gold Top/ Tiger Top)	<1.0 AI*	≥1.0 AI*	1 – 4 days
Anti-Proteinase 3 Antibodies (PR3)				
Anti-Glomerular Basement Membrane Antibodies (GBM)				

*AI = Antibody Index

Note that these antibody markers will not replace the order for anti-neutrophil cytoplasmic antibodies (ANCA) by indirect immunofluorescence testing looking for c-ANCA and p-ANCA patterns, which will continue to be sent to LabCorp.

For questions, please contact Pathology Client Services at (804) 828-7284, Immunology Director Justin B. Dalton, MD at pager 3162, or the Immunology/Microbiology Laboratory at (804) 628-4000.