

Patient Name : Demo Patient Name
Age / Sex : 36 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 12-Jan-25 09:44
Patient ID : UHID.DEMO.001

Vasculitis Panel

Accession No: DEMO_BARCODE **Collected On:** 12-Jan-25 09:44 **Received On:** 12-Jan-25 12:04 **Approved On:** 13-Jan-25 18:40

Observation	Result	Unit	Biological Ref. Interval	Method
C-ANCA (PR3)	1.9	CU	<20:Negative >20:Positive	CLIA
P-ANCA (MPO)	< 3.2	CU	<20:Negative >20:Positive	CLIA
Glomerular Basement Membrane (GBM) Antibody	< 2.9	CU	<20	CLIA

Comments:

- Antibodies against myeloperoxidase (MPO) and proteinase 3 (PR3) belong to the group of anti-neutrophil cytoplasmic antibodies (ANCA) which are directed against cytoplasmic components of neutrophilic granulocytes and monocytes. ANCA are important markers for the differential diagnosis of autoimmune vasculitis.
- Anti-PR3**-antibodies are a specific serological marker for Granulomatosis with Polyangiitis (Wegener's) and may play an active role in the pathogenesis of WG. Anti-PR3-antibody titers are strongly associated with disease activity and inhibit the proteolytic activity of PR3.
- Anti MPO**-antibodies are correlated with idiopathic vasculitis or vasculitis associated necrotizing crescentic Glomerulonephritis and are found frequently in 70 % of patients with microscopic polyangiitis, and in 5-50% of patients with Churg - Strauss-syndrome.
- Anti-Glomerular Basement Membrane** (anti-GBM) antibody disease is a rare autoimmune disorder in which circulating IgG antibodies are directed against an antigen normally present in the GBM and alveolar basement membrane. The target antigen is the alpha-3 chain of type IV collagen. The resultant clinical syndrome a spectrum ranging from mild renal involvement to rapidly progressive glomerulonephritis, pulmonary hemorrhage, and a generalized systemic illness. The combination of glomerulonephritis and pulmonary hemorrhage is referred to as Goodpasture syndrome. Anti-GBM antibodies can also with other autoimmune diseases, ANCA associated vasculitis & in these patients tends to have lower titres and seen as autoimmune phenomenon.

Advise: Please correlate reports clinically.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

