

Cytoplasmic autoantibodies

General:

Anti-neutrophil cytoplasmic antibodies (ANCA) are mostly IgG antibodies against antigens in the cytoplasm of neutrophil granulocytes and monocytes. ANCA were originally classified into two major antibodies, cANCA (cytoplasmic, PR3 Abs) and p-ANCA (perinuclear, MPO Abs), based on the pattern of staining of ethanol- and formalin-fixed neutrophils.

Indication:

Suspicion of Wegener's granulomatosis, vasculitis, all progressive forms, monitoring

The following tests are available:

- **c-ANCA (cytoplasmic)**

General: synonyms: ACA, ACPA, ANCA, C-ANCA, proteinase-3-antibody (PR3)

Material: 1 ml serum

Stability: 2 weeks at 2 to 8°C

TAT: 3 days, FML

Method: IFT

Units: qualitative, Titer

Ref.- range: negative, <1:10

- **p-ANCA (perinuclear)**

General: synonyms: myeloperoxidase antibody, (MPO), perinuclear-ANCA

Material: 1 ml serum

Stability: 2 weeks at 2 to 8°C

TAT: 3 days, FML

Method: IFT

Units: qualitative, Titer

Ref.- range: negative, <1:10

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit

<http://www.fml-dubai.com/parameter-listings/>