
Lab Dept: Serology

Test Name: PROTEINASE 3 ANTIBODIES, IGG, SERUM

General Information

Lab Order Codes: P3AG

Synonyms: Anticytoplasmic Autoantibodies; Antineutrophil Cytoplasmic Antibodies (ACPA); Cytoplasmic Neutrophil Antibodies; Perinuclear Antineutrophil Cytoplasmic Antibodies (pANCA); Wegener's Granulomatosis (WG)

CPT Codes: 83516 – Immunoassay for analyte other than infectious agent antibody or infectious agent antigen; quantitative or semiquantitative, multiple step method

Test Includes: Proteinase 3 Ab level reported in U.

Logistics

Test Indications: Useful for evaluating patients suspected of having Wegener's Granulomatosis (WG); distinguishing between WG and other forms of vasculitis, in conjunction with MPO/Myeloperoxidase antibodies, IgG, serum and ANCA cytoplasmic neutrophil antibodies, serum.

Lab Testing Sections: Serology – Sendouts

Referred to: Mayo Medical Laboratories (Test: PR3)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1-3 days

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Red top tube

Draw Volume: 1.5 mL (Minimum: 1 mL) blood

Processed Volume: 0.5 mL (Minimum: 0.35 mL) serum

Collection: Routine venipuncture

Special Processing: Lab Staff: Centrifuge specimen, remove serum from cells, aliquot into a screw-capped round bottom plastic vial. Store and ship at refrigerated temperatures. Forward promptly.

Patient Preparation: None

Sample Rejection: Gross hemolysis; gross lipemia; grossly icteric; mislabeled or unlabeled specimens

Interpretive

Reference Range:	Range:	Interpretation:
	<0.4 U	Negative
	0.4 – 0.9 U	Equivocal
	>or = 1.0 U	Positive

Critical Values: N/A

Limitations: N/A

Methodology: Multiplex Flow Immunoassay

References: [Mayo Medical Laboratories](#) July 2015