

---

**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:** SST (Gold, marble or red) 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***

| <b>Reference Range:</b> | <b>Range:</b> | <b>Interpretation:</b> |
|-------------------------|---------------|------------------------|
|                         | <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](#) December 2017

**Updates:** 12/20/2017: Collection container update.