

**NEW TEST**

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**Cyclic Citrullinated Peptide Antibody, IgG and IgA**

3016632, CCP IGGIGA

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** Serum separator tube (SST).

**Specimen Preparation:** Separate serum from cells ASAP or within 2 hours of collection. Transfer 1.0 mL serum to an ARUP standard transport tube. (Min: 0.5mL)

**Transport Temperature:** Refrigerated.

**Unacceptable Conditions:** Contaminated, heat-inactivated, grossly hemolyzed, grossly icteric, or grossly lipemic specimens.

**Remarks:**

**Stability:** After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 30 days (avoid repeated freeze/thaw cycles)

**Methodology:** Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA)

**Performed:** Sun-Sat

**Reported:** 1-2 days

**Note:**

**CPT Codes:** 86200

**New York DOH Approval Status:** This test is New York DOH approved.

**Interpretive Data:**

A positive result for cyclic citrullinated peptide (CCP) antibodies in conjunction with consistent clinical features may be suggestive of rheumatoid arthritis (RA). Anti-CCP, IgG/IgA antibodies are present in about 66-74 percent of RA patients and have specificities of 96-99 percent. Detection of IgA antibodies in addition to the usual IgG antibodies enhances the sensitivity due to some RA patient shaving IgA antibodies to CCP in the absence of IgG. These autoantibodies may be present in the preclinical phase of disease, are associated with future RA development, and may predict radiographic joint destruction. Patients with weak positive results should be monitored and testing repeated.

**Reference Interval:**

Test Number	Components	Reference Interval
	Cyclic Citrullinated Peptide Ab, IgG/A	19 Units or less

19 Units or less:    **Negative**  
 20-39 Units:        **Weak positive**  
 40-59 Units:        **Moderate positive**  
 60 Units or greater: **Strong positive**

**HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.**