Secolo m/	
Serology	
CYCLIC CITRULLINATED PEPTIDE ANTIBODY	
ССРА	
Anti-CCP; CCP; Anti-Citruline; Citrullinated Antibody	
86200 – CCP antibody	
CCP antibody as negative, weak positive, positive or strong positive.	
Useful for evaluating patients suspected of having rheumatoid arthritis (RA) and differentiating RA from other connective tissue diseases that may present with arthritis.	
Serology - Sendouts	
Mayo Medical Laboratories (MML Test: CCP)	
MIN Lab: 612-813-6280	
STP Lab: 651-220-6550	
Daily, 24 hours	
1 – 3 days, test performed Monday – Saturday	
N/A	
Blood	
SST (Gold, marble or red)	
1.5 mL (Minimum: 1.2 mL) blood	
0.5 mL (Minimum: 0.4 mL) serum	
-	

Special Processing:	Lab Staff: Centrifuge and aliquot serum into a screw-capped round bottom plastic vial. Store and ship refrigerated temperatures.		
Patient Preparation:	None		
Sample Rejection:	Gross hemolysis, warm specimens or gross lipemia; mislabeled or unlabeled specimens		
Interpretive			
Reference Range:	Reference values apply to all ages:		
	<20.0 U	Negative	
	20.0 – 39.9 U	Weak positive	
	40.0 – 59.9 U	Positive	
	≥60.0 U	Strong positive	
	<b>Interpretation:</b> A positive result for CCP antibodies indicates a high likelihood of rheumatoid arthritis.		
Critical Values:	N/A		
Limitations:	Positive results for CCP antibodies may occur in some patients with lupus erythematosus or other autoimmune, connective tissue diseases. Antirheumatic therapy should not be initiated based solely on a positive test for CCP antibodies, and changes in treatment should not be based upon the levels of CCP antibodies.		
Methodology:	Enzyme-Linked Immunosorbent Assay (ELISA)		
References:	Mayo Medical Laboratories Web Page January 2018		
Updates:	1/19/2006: CPT 2006 update 9/29/2008: Reference range and Units change 1/17/2018: Collection container update.		