

Patient Name **Mrs M. SUDHA RANI**

Age : 48 Year(s) Gender : Female

Sample ID :1526019 - Serum

Patient ID :567795

Ref. Doctor :

Ref. Customer :NANI LAB



Lab Code :CPC-AP-113

Sample Drawn Date :2022-03-10 13:10

Registration Date :2022-03-11 10:52

Approved Date :2022-03-11 19:28

### CLINICAL BIOCHEMISTRY

Test Description	Result	Units	Biological Reference Ranges
------------------	--------	-------	-----------------------------

Creatinine, Serum

0.8

mg/dL

0.5 - 1.0

(Method: Spectrophotometry)

M Ramesh Babu  
Manager Lab Operations



Dr Rahul Dev Singh  
MD, Pathology

Patient Name **Mrs M. SUDHA RANI**

Age : 48 Year(s) Gender : Female

Sample ID :1526019 - Serum

Patient ID :567795

Ref. Doctor :

Ref. Customer :NANI LAB



Lab Code :CPC-AP-113

Sample Drawn Date :2022-03-10 13:10

Registration Date :2022-03-11 10:52

Approved Date :2022-03-11 19:28

### IMMUNOLOGY/SEROLOGY

Test Description	Result	Units	Biological Reference Ranges
Anti Cyclic Citrullinated Peptide Antibody (CCP) (Method: ELISA)	7.79	U/mL	< 20 : Negative > 20 : Positive

### INTERPRETATION

A positive result for cyclic citrullinated peptide (CCP) antibodies indicates a high likelihood of rheumatoid arthritis (RA).

Clinical evaluation of the CCP antibody test showed a diagnostic sensitivity for RA of 78% with fewer than 5% false positive results in healthy controls (see Cautions). CCP antibodies have also been reported in approximately 40% of seronegative RA patients, and, like rheumatoid factor (RF), a positive CCP antibody result indicates an increased likelihood of erosive disease in patients with RA.

High levels of CCP antibodies may be useful to identify patients with aggressive disease, but further studies are needed to document this association. The level of CCP antibodies may also correlate with disease activity in RA, but further studies are needed to document this clinical application.

#### Clinical Uses:

- For diagnosis of early Rheumatoid arthritis - Anti CCP antibodies are detected in approximately 50-60% patients of Rheumatoid arthritis usually after 3-6 months of symptoms.
- Prediction of severity of disease - Early Rheumatoid arthritis patients with Anti CCP positivity may develop a more erosive form of the disease as compared with Anti CCP negative patients
- To differentiate elderly onset Rheumatoid arthritis from Polymyalgia rheumatica and erosive SLE.



Bhagat Singh  
Manager Technical





Dr. Jabeen Begum MD  
Consultant Microbiologist