

Division of Laboratory Medicine

Immunology

Anti-Cyclic citrullinated peptide (CCP)

General information

Specimen transport: At room temperature

Repeat frequency: At significant change of symptoms

Special precautions: None

Laboratory information

Normal reference range: 0-2.9 U/mL

Volume and sample type: 4ml serum

Method: Multiplex flow immunoassay

Participation in EQA scheme: UK NEQAS for Rheumatoid Antibodies

Turnaround time (calendar days from sample receipt to authorised result): Median - 1

Clinical information

Indications for the test: CCP antibodies are targeted against citrullinated peptides are highly specific to rheumatoid arthritis (RA) but may also be of value in the development of radiographic joint damage. CCP antibodies are implicated in the early diagnosis of RA and offer a marker that is more specific than Rheumatoid Factor.

Factors affecting the test: None

(Last updated January 2026)