

## 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)