

Collagen Type 2 Antibodies

Synonyms

Clinical Indication

This test is of little diagnostic value.

The antibodies can be used for the investigation of cartilage damage in connective tissue diseases such as relapsing polychondritis. However, the diagnosis is mainly made on clinical grounds.

It is essential to provide relevant clinical information.

Part of Profile / See Also

Detection of IgG antibodies to Type II Collagen.

Request Form

Combined Pathology manual blood form or ICE request

Availability / Frequency of Analysis

Referred test: Analysed by Protein Reference Unit, Sheffield [8494](#)

Turnaround Time

2 weeks

Patient Preparation

No special preparation is required.

Sample Requirements

Please note a separate sample is required when Immunology tests are requested in addition to Biochemistry tests

Specimen Type

Serum

Volume

7 ml

Container



Yellow top (SST) tube



Paediatric Yellow top (SST) tube

Reference Range & Units

Samples are tested for the presence of antibodies to collagen type II by indirect immunofluorescence and the result reported as Positive or Negative.

Interferences

None known

Interpretation & Clinical

A normal result is negative

Decision Value (if applicable)

Relapsing polychondritis (60% of patients), active rheumatoid arthritis (RA) (30-70% of patients). However, their diagnostic/clinical utility is uncertain.

References

<https://www.immqas.org.uk/TestItem.asp?id=231>

Test code

COL2

Lab Handling

Aliquot and store at 4-8°C prior to testing and at -20°C or below for up to 1 month after receipt.