

# Cardiac Muscle Antibodies

## Synonyms

## Clinical Indication

Cardiac muscle antibodies are seen in:

- Dressler's syndrome post myocardial infarct
- Cardiomyopathy
- Myocarditis
- Patients who have undergone cardiac surgery
- Patients who have had rheumatic fever

It is essential to provide relevant clinical information.

## Part of Profile / See Also

Skeletal/striated muscle antibodies

## Request Form

Combined Pathology Manual blood request form or ICE request

## Availability / Frequency of Analysis

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

## Turnaround Time

3 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

Results are reported as Positive or Negative. Positive results may be reported with the pattern seen

Normal result = Negative

## Interferences

None known

## Interpretation & Clinical

## Decision Value (if applicable)

Cardiac muscle antibodies can be directed against numerous antigens, including adenine nucleotide translocator protein, cardiac myosin and tropomyosin.

Antibody positivity is not always accompanied by Dressler syndrome.

These antibodies are of limited clinical significance, suggest discussing positive results with Immunology Clinical Scientist or contacting the Protein Reference Unit.

**References**

<https://www.immqas.org.uk/TestItem.asp?id=181>

**Test code**

CARD

**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.



8494  
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ISO 15189:2012