



Haptoglobin

Synonyms

Clinical Indication

Haptoglobins are useful in the diagnosis and assessment of intravascular haemolysis or suspected haemolysis as part of the haemolysis screen.

Part of Profile / See Also

Request Form

Combined Pathology manual Blood form or ICE request

Availability / Frequency of Analysis

On request

Turnaround Time

Same day (Monday-Friday)

Patient Preparation

None

Sample Requirements

Specimen Type

Serum


Volume


1 x 5ml

Container



Yellow top (SST) tube

Or  Paediatric orange top (lithium-heparin)

Or  Paediatric green top (lithium-heparin)

Reference Range & Units

0.3 - 2.0 g/L.

Reference: Beckman method insert.

Interferences

In rare cases of monoclonal gammopathy, in particular type IgM (Waldenstrom's macroglobulinemia) may cause unreliable results.

Interpretation & Clinical

Decision Value (if applicable)

Haptoglobin is useful in the diagnosis and assessment of intravascular haemolysis.

Haptoglobin is a 'suicidal' protein which binds free haemoglobin in the circulation; resulting complex is then broken down.

Low levels of haptoglobin are therefore suggestive of haemolytic anaemia. However, results should always be assessed in conjunction with the patient's medical history, clinical examination and other findings.

References

Beckman kit insert.

Test code

HAPT

Lab Handling

Analysed from primary tube and stored at 4°C.