


 Accredited to
 ISO 15189:2012

Hepatitis B

Synonyms

Hepatitis B serology, HBV testing

Clinical Indication

Please give detailed clinical information, including date of onset/contact with the suspected infection to enable the correct test(s) to be performed. Please state if patient is known to have/had Hepatitis B.

Part of Profile / See Also

One or more of the following may be performed initially, as relevant, dependent on the clinical information received - Hepatitis B surface antigen (HBsAg); total antibody to Hepatitis B virus core antigen (anti-HBc); antibody to Hepatitis B virus surface antigen (anti-HBs). Further markers are performed in house on HBsAg positive samples.

Hepatitis B surface antigen (HBsAg) is included in the routine ante-natal screen.

Request Form

[ICE order comms form \(Handwritten request – only if order comms not available\).](#)

Availability / Frequency of Analysis

On request during normal working hours. Samples are tested daily.

Turnaround Time

Results will usually be available by the third normal working day after receipt of the sample.

If the HBsAg test is positive, a confirmatory procedure will be performed in-house, either on the day of the original test or the next normal working day. If the confirmatory procedure indicates that the sample is HBsAg positive, further tests for other markers of Hepatitis B infection or carriage will be performed

Patient Preparation

Sample Requirements

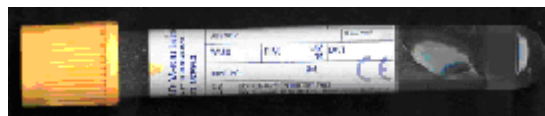
Specimen Type

Serum

Volume

Minimum of 5ml. A further sample may be requested if insufficient serum to perform all markers if required.

Container



Yellow top (SST) tube



Paediatric Yellow top (SST) tube

Samples should be transported to laboratory on the day of collection.

Reference Range & Units

N/A

Interferences

Grossly haemolysed, contaminated or highly lipaemic samples.

Interpretation & Clinical

Decision Value (if applicable)

Interpretative comments are added to the final report.

References

Test code

HBAG – Hepatitis B surface antigen
 HBCT – Hepatitis B core total antibody
 HBAB – antibody to Hepatitis B surface antigen
 MARK – HbeAb, HBeAg, HBcIgM

Lab Handling

Store at 4°C.