



Accredited to
ISO 15189:2012

Hepatitis B Virus Immunity

Synonyms	Hepatitis B antibody, Hepatitis B surface antibody, anti-HBs
Clinical Indication	<p>Please give detailed clinical information, including:</p> <p>(1) the date of any Hepatitis B virus immunisation course including boosters.</p> <p>(2) the date of the incident and identity of any patient involved in a "needle-stick" incident, as relevant.</p>
Part of Profile / See Also	Detection of antibodies to Hepatitis B surface antigen.
Request Form	ICE order comms form (Handwritten request – only if order comms not available).
Availability / Frequency of Analysis	On request during normal working hours.
Turnaround Time	Results will usually be available by the third normal working day after receipt of the sample.
Patient Preparation	
Sample Requirements	
Specimen Type	Serum
Volume	5ml.
Container	
	<p>Yellow top (SST) tube</p>  <p>Paediatric Yellow top (SST) tube</p> <p>Samples should be transported to laboratory on the day of collection.</p>
Reference Range & Units	<p>An antibody level of less than 10 mIU/ml indicates no significant response or immunity.</p> <p>A further full course of three doses of vaccine is advisable, with a further blood sample tested 1 - 2 months after completion. If there is no response to a second course of immunisation, further investigations may be required Please contact the Serology Laboratory (01268 968282) for advice.</p>

An antibody level of 10 - 100 mIU/ml indicates a low level of immunity which is probably protective. A single booster dose of vaccine should be given and a further blood sample tested 1 - 2 months after this booster dose.

An antibody level of greater than 100 mIU/ml indicates a good immune response with protective immunity.

Grossly haemolysed, contaminated or highly lipaemic samples.

Interpretative comments are added to the final report.

Interferences

Interpretation & Clinical

Decision Value (if applicable)

References

Test code

HBAB

Lab Handling

Store at 4°C.