

Hep B serology Interpretation

Anti-HBc IgM	Anti-HBc IgG	HBsAg (Hep B surface Antigen)	Anti-HBs (antibody Hepatitis B serum)	
Positive	Negative	Positive	Negative	Acute HBV infection
Negative	Negative	Positive	Negative	Early acute HBV infection
Negative	Positive	Negative	Positive	Resolved acute HBV infection
Negative	Negative	Negative	Positive	Not infected, prior vaccination for HBV
Negative	Negative	Negative	Negative	Not infected
Negative	Positive	Positive	Negative	Chronic HBV infection

Hep B serology Interpretation

Interpretation & Recommendation	HBsAg	HBsAb	HBcAg
Not immune: has not been infected but is still at risk for possible future infection. Needs protection. Get vaccine.	Negative	Negative	Negative
Immune Controlled-protected: surface antibodies present due to a natural infection. You have recovered from a prior hep B infection. You cannot infect others.	Negative	Positive	Positive
Immune: you may have already been vaccinated. You cannot infect others.	Negative	Positive	Negative
Hepatitis B infection: positive surface antigen, which means hepatitis B virus is present. You can spread the virus.	Positive	Negative	Positive