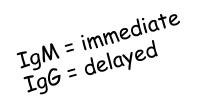
Hep B Serology Interpretation

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Hep B Serology Interpretation

Anti-HBc IgM	Anti-HBc IgG	HBsAg (Hep B Antigen)	Anti-HBs (Hep B Antibody)	Interpretation
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, no prior vaccine
Negative	Positive	Positive	Negative	Chronic HBV infection



Antigen = infection Antibody = immunity



Hep B Serology Interpretation 2

Interpretation & Recommendation	HBsAg	HBsAb	HBcAg
Not immune: has not been infected but is still at risk for possible future infection.Needs protection.Give Hep B vaccine.	Negative	Negative	Negative
 Immune Controlled-protected: surface antibodies present due to a natural infection. Has recovered from a prior hep B infection. Cannot infect others. Do nothing. 	Negative	Positive	Positive
Immune: may have already been vaccinated.Cannot infect others.Do nothing.	Negative	Positive	Negative
 Hepatitis B infection: positive surface antigen = hepatitis B virus is present. Can spread the virus. Give Hep b vaccine Treat infection with IVIG. 	Positive	Negative	Positive



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