

Hepatitis B Immune Status Prior to Vaccination

Test Name	Non reactive	Reactive (immunization not needed)
Hepatitis B Surface Antigen (Hep B Surface Ag, HBsAg)	No infection	Infection
Hepatitis B Surface Antibody (Hep B Surface Ab, Anti-HBs)	Not immune*	Immune through previous infection or immunization
Hepatitis B Core Antibody (Hep B Core Ab, Anti-HBc Total or Anti-HBc IgG)	No infection	Immune through previous infection

*If Hep B Surface Ab result is Non-reactive in previously immunized person, booster dose is not needed.

Reference: Hepatitis B vaccine: results of a 30 year follow-up study and response to a booster dose. J Infect Dis. 2016; 214 (1): 16-22.