

## Hepatitis B Panel Results Interpretation

Test	Results	Interpretation
HbsAG Anti-HBc Anti-HBs	Negative Negative Negative	Susceptible
HbsAG Anti-HBc Anti-HBs	Negative Negative Positive with $\geq 10\text{mIU/mL}^*$	Immune due to vaccination
HbsAG Anti-HBc Anti-HBs	Negative Positive Positive	Immune due to natural infection
HbsAG Anti-HBc IgM anti-HBc Anti-HBs	Positive Positive Positive Negative	Acutely infected
HbsAG Anti-HBc IgM anti-HBc Anti-HBs	Positive Positive Negative Negative	Chronically Infected
HbsAG Anti-HBc Anti-HBs	Negative Positive Negative	See list below**

\* Postvaccination testing, when it is recommended, should be performed 1-2 months following the last dose of vaccine. Infants born to HbsAg-positive mothers should be tested 3-9 months after the last dose.

\*\* List of possible interpretation

1. May be recovering from acute HBV infection
2. May be distantly immune, but the test may not be sensitive enough to detect a very low level of anti-HBs in serum.
3. May be susceptible with a false positive anti-HBc.
4. May be chronically infected and have an undetectable level of HBsAg present in the serum.

(Adapted from Needle Tips, 10/04)