

Interpretation of hepatitis B results

HBsAg	Anti-HBc	Anti-HBs	IgM anti-HBc	Result	Action required
Negative	Negative	Negative	N/A	Susceptible	Vaccinate if <40 years old or exposed to hepatitis B risk factors. Unless previous full vaccination course completed.
Negative	Positive	Positive	N/A	Immune due to natural infection	No action required
Negative	Negative	Positive	N/A	Immune due to Hepatitis B vaccination	No action required
Positive	Positive	Negative	Positive	Acutely infected	Retest in six months
Positive	Positive	Negative	Negative	Chronically infected	Refer to <i>The Hepatitis Foundation of New Zealand</i>
Negative	Positive	Negative	N/A	<p>Interpretation unclear. Possibilities include:</p> <ol style="list-style-type: none"> 1. Resolved infection (HBV Sero-conversion - most common) 2. False-positive anti-HBc, therefore susceptible; 3. "Low Level" chronic infection; 4. Resolving acute infection 	Retest in six months
Negative	Positive	Negative	Negative	Immune from natural infection (even though no antibodies are present)	No action required
Positive	Positive	Positive	Negative	Chronic infection (even though antibodies are present)	Refer to <i>The Hepatitis Foundation of New Zealand</i>