

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 the Hepatitis Foundation
Negative	Positive	Negative	N/A	Interpretation unclear. Possibilities include: 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
Positive	Positive	Positive	Negative	Chronic infection (even though antibodies are present)	Refer to the Hepatitis Foundation



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