

Hepatitis B Serology Interpretation for MDSS Entry/Closure of Cases

(Call your MDSS regional coordinator for additional information/guidance)

Test	Result	Interpretation
HBsAg and Anti-HBc IgM (if done)	Positive – with acute illness and either a) jaundice or b) elevated serum alanine aminotransferase (ALT) levels >100 IU/L	CONFIRMED ACUTE*
HBsAg or HBeAg or HBV DNA	Positive – with a documented HBsAg (-) within 6 months prior to this positive test; and without presentation of symptoms.	CONFIRMED ACUTE*
HBsAg or HBeAg or HBVDNA	Positive	ACUTE OR CHRONIC* Call doc for more information/testing. If no additional information, close as a PROBABLE CHRONIC*
HBsAg & Anti-HBs	Positive Negative	ACUTE OR CHRONIC* Call doc for more information/testing. If no additional information, close as a PROBABLE CHRONIC*
Anti-HBs	Positive	NOT A CASE* Immune due to vaccination or previous exposure; no further testing is needed.
Anti-HBc IgM or Anti-HBc	Positive	May be ACUTE* Call doc for more information/testing. If no additional information/testing, close as NOT A CASE*
HBsAg or HBeAg or HBV DNA (2 positive tests – more than 6 months apart)	Positive	CONFIRMED CHRONIC* -If first positive result was recorded as acute, second positive result is CONFIRMED CHRONIC ; -If first positive result was recorded as chronic - second positive result is CONFIRMED CHRONIC & SUPERCEDED -If result is for a woman of childbearing age (10-60 years) verify pregnancy AND report to Perinatal HepB Program if pregnant.
If no additional information can be obtained, close the case as COMPLETED .		
*Please include/attach lab reports in the lab tab and case investigation notes in MDSS.		

Case Status:

- **CONFIRMED** or **PROBABLE** are based on CDC case definition. **PROBABLE** is only used for **CHRONIC** cases.
- **NOT A CASE** is for a report that does not meet case definition and should not be counted.

Investigation Status:

- **NEW** is for all incoming reports to MDSS.
- **ACTIVE** is for reports that are currently being investigated.
- **CANCELLED** is for reports that were made in error.
- **COMPLETED** is for all completed investigations.
- **COMPLETED – Follow-up** is used to update information on a previously completed investigation.
- **SUPERCEDED** is for reports that are deemed to be duplicates.