

Santa Clara County Public Health Department Perinatal Hepatitis B Prevention Program



TABLE OF POST-VACCINE SEROLOGY FOR HBsAg-EXPOSED INFANTS

Infants of mothers with positive HBsAg status should be tested for both **HBsAg** and **anti-HBs (HBsAb)** 1-2 months after completing the vaccine series but not before 9 months of age to avoid detection of anti-HBs from HBIG administered at birth. Testing should be performed using a method that allows determination of a protective level of Anti-HBs, i.e., ≥ 10 mIU/ml.

RESULTS	STATUS	ACTION
HBsAg negative	Immune	<ul style="list-style-type: none"> • Fax a copy of the lab report to the Perinatal Hepatitis B Prevention Program at 408.885.2413. • Inform parent about the result.
Anti-HBs (HBsAb) positive ≥ 10 mIU/mL		
HBsAg negative	Susceptible	<ul style="list-style-type: none"> • Fax a copy of the lab report to the Perinatal Hepatitis B Prevention Program at 408.885.2413. • Inform parent about the result. • Revaccinate patient with a second three-dose series • Retest post-vaccine serology 1-2 months after the last dose of vaccine.
Anti-HBs (HBsAb) negative < 10 mIU/mL		
HBsAg positive	Infected	<ul style="list-style-type: none"> • Fax a copy of the lab report to the Perinatal Hepatitis B Prevention Program at 408.885.2413. • Inform parent about the result. • Provide appropriate medical follow-up. • Report to Public Health Department using a Confidential Morbidity Report (CMR). Form can be obtained at www.sccphd.org.
Anti-HBs (HBsAb) negative		