

Summary of Infant Schedules for Hepatitis B Vaccine

Based on the Advisory Committee on Immunization Practice's *Recommended Immunization Schedule for Adults Aged 19 Years or Older, United States, 2017*¹

Infants ≥ 2000 grams born to HBsAg-positive Women

Biologic	Age of Infant
HBIG	Within 12 hours of birth (0.5 mL)
Hepatitis B vaccine-birth dose	Within 12 hours of birth
Hepatitis B vaccine-dose 2	1 to 2 months
Hepatitis B vaccine-dose 3	6 to 18 months

Preterm Infants <2000 grams Born to HBsAg-positive Women

Biologic	Age of Infant
HBIG	Within 12 hours of birth (0.5 mL)
Hepatitis B vaccine birth dose	Within 12 hours of birth (does not count toward 3-dose series)*
Hepatitis B vaccine-dose 1	1 month
Hepatitis B vaccine-dose 2	2 months
Hepatitis B vaccine-dose 3	>6 months

Infants ≥2000 grams born to Women Whose HBsAg Status is Unknown

Biologic	Age of Infant
HBIG	Draw serology on mother before HBIG administration. If mother results HBsAg-negative, do not administer HBIG. If mother results HBsAg-positive, administer HBIG (0.5 mL) to infant as soon as possible, but no later than 7 days after birth.
Hepatitis B vaccine birth dose	Within 12 hours of birth
Hepatitis B vaccine dose 2	1 to 2 months
Hepatitis B vaccine dose 3	6 to 18 months

Preterm Infants <2000 grams Born to Women whose HBsAg Status is Unknown

Biologic	Age of Infant
HBIG	Within 12 hours of birth
Hepatitis B vaccine- birth dose	Within 12 hours of birth (does not count toward 3-dose series)*
Hepatitis B vaccine-dose 1	1 month
Hepatitis B vaccine-dose 2	2 months
Hepatitis B vaccine-dose 3	>6 months

Infants ≥2000 grams born to HBsAg-negative Women

Biologic	Age of Infant
Hepatitis B vaccine- birth dose	Within 24 hours of birth
Hepatitis B vaccine-dose 2	1 to 2 months
Hepatitis B vaccine-dose 3	6 to 18 months

Infants <2000 grams born to HBsAg-negative Women

Biologic	Age of Infant
Hepatitis B vaccine-birth dose	Before hospital discharge or within 1 month
Hepatitis B vaccine-dose 2	1 to 2 months
Hepatitis B vaccine-dose 3	6 to 18 months

¹ Available at <https://www.cdc.gov/vaccines/schedules/hcp/child-adolescent.html>

* For **preterm infants** weighing <2,000 grams, the initial vaccine dose (birth dose) should **not** be counted as part of the vaccine series because of the potentially reduced immunogenicity of hepatitis B vaccine in these infants; 3 additional doses of vaccine (for a total of 4 doses) should be administered beginning when the infant reaches the chronological age of 1 month.