

Table 7: PEP After Hepatitis B Virus Exposure [a]

Exposed Individual HBV Vaccination Status	Post-Exposure Testing [b]		PEP for Exposed Individual		Post-Vaccination Serologic Testing [d]
	Source Status (By History or Post-Exposure Testing)	Exposed Individual	HBIG	Vaccination [c]	
Documented response after complete HBV vaccine series [e]	No action needed				
Documented nonresponse after prior vaccine series [e]	Source is positive for HBV or status unknown	—	Administer 2 doses of HBIG 0.06 mL/kg IM separated by 1 month [f]	Revaccinate with CpG-adjuvanted vaccine unless 2 vaccine series, including at least 1 CpG-adjuvanted series, have been documented	N/A
	Source is negative for HBV	No action needed			
Response unknown after complete HBV vaccine series	Source is positive for HBV or status unknown	Exposed individual anti-HBs <10 mIU/mL	Administer 1 dose of HBIG 0.06 mL/kg IM [f]	Revaccinate [g]	Yes
	Source is negative for HBV	Exposed individual anti-HBs <10 mIU/mL	—	Revaccinate [g]	Yes
	Source is positive or negative for HBV, or status unknown	Exposed individual anti-HBs ≥10 mIU/mL	—	—	—
Have not received, did not complete, or refused HBV vaccine, or vaccination status unknown	Source is positive for HBV or status unknown	—	Administer 1 dose of HBIG 0.06 mL/kg IM [f]	Complete vaccination	Yes
	Source is negative for HBV	—	None	Complete vaccination	Yes

Abbreviations: anti-HBc, hepatitis B core antigen; anti-HBs, hepatitis B surface antibody; CpG, cytosine phosphoguanine; HBIG, hepatitis B immune globulin; HBsAg, hepatitis B surface antigen; HBV, hepatitis B virus; IM, intramuscular; PEP, post-exposure prophylaxis.

Notes:

- Adapted from Centers for Disease Control and Prevention [Hepatitis B > Table 1: Treatment for HBV Exposures in Health Care Settings](#).
- Triple panel test, which includes HBsAg, anti-HBs, and anti-HBc.
- If never vaccinated receive as soon as possible and preferably within 24 hours.
- Anti-HBs testing should be performed 1 to 2 months after the final dose of vaccine.
- Based on information available at presentation. Response defined as previously documented adequate levels of serum antibody to HBsAg (serum anti-HBs ≥10 mIU/mL); nonresponse defined as previously documented inadequate response to vaccination (serum anti-HBs <10 mIU/mL). The decision to vaccinate should not be delayed while testing for anti-HBs at presentation.
- For nonoccupational exposure, only give HBIG if source is known to have HBV infection.
- CpG-adjuvanted vaccine series is preferred for individuals with documented nonresponse to prior vaccination.