

Table 6 - Interpretation of HBV results

(Adapted from Immunisation Guidelines for Ireland. Chapter 9 - Hepatitis B, updated June 2022. National Immunisation Advisory Committee, RCPI)

HBsAg	HBeAg	Anti-HBe	Anti-HBc IgM	Anti-HBc total	Anti-HBs	Interpretation
Neg	Neg	Neg	Neg	Neg	Neg	Susceptible to HBV
POS	POS	Neg	POS/Neg	POS/Neg	Neg	Acute HBV infection
Neg	Neg	Neg	POS	POS ¹	Neg	Recent HBV infection (HBsAg window)
POS	POS	Neg	WEAK POS/ Neg	POS	Neg	Chronic HBV infection ²
POS	Neg	POS/Neg	WEAK POS/ Neg	POS	Neg	HBeAg neg chronic HBV infection ³
Neg	Neg	POS/Neg	Neg	POS [*]	POS/Neg	Resolved HBV Infection
Neg	Neg	Neg	Neg	Neg	<u>POS</u>	Response to hepatitis B vaccine

Notes

¹ Anti-HBc detected in two assays

² Follow up sample required to confirm chronic HBV infection

³ Follow up sample required and also HBV DNA viral investigations may be required