

## INFECTIOUS HEPATITIS: RECOMMENDED DIAGNOSTIC APPROACH

### Infectious hepatitis serologic profile interpretation guidelines

Profile Name	HBsAg	Anti-HBs	HBc total	HBc IgM	HBeAg	Anti-HBe	Anti-HAV total	Anti-HAV IgM	Anti-HVC	Interpretation		
A	Acute unknown hepatitis	-			-			+	-	Acute Hepatitis A		
		+		+	+	+		-	-	Acute Hepatitis B <sup>1</sup>		
		-			-				-	+	Acute or chronic Hepatitis C	
		-			-				-	-	Consider early hepatitis C or hepatitis E, CMV, or EBV <sup>2</sup>	
B	Acute hepatitis B follow-up	+	+/-	+/-						Possible chronic hepatitis B		
		-	+	+						Resolved past infection		
		-	-	+	+						HBsAg-negative acute infection	
C	Chronic hepatitis B monitoring					+	-			Actively replicating virus, infectious		
						-	+			Evidence of previous active infection		
D	Chronic unknown hepatitis screen	+	-	+	-				-	Chronic Hepatitis B		
		-	-	-	NT					+	Chronic Hepatitis C	
		-	-	-	NT						-	Consider Alternate Etiology*
		+	-	+	-						+	Chronic Hepatitis B and Hepatitis C co-infection
		-	+	+	+	-					+	Chronic HCV & exposure to HBV with recovery/immunity
E	Previous Hepatitis Exposure	-	-	-			+	-	-	Exposure to Hepatitis A with recovery / immunity		
		-	-	-				+	+	-	Recent Hepatitis A	
		-	-	-						+	Exposure to Hepatitis C with recovery or chronicity	
		+	-	-						-	Exposure to Hepatitis B, early infection, asymptomatic	
		+	-	+	-					-	Hepatitis B, chronic or carrier state	
		+	-	+	+					-	Acute Hepatitis B	
		-	+/-	+	-					-	Exposure to Hepatitis B with recovery / immunity	
		-	-	+	+					-	Early acute Hepatitis B (core window)	
		-	-	-						-	Consider Alternative Etiology	