

**Table 2. Characteristics of HBV genotypes and subtypes**

Genotype	Subtype	Serotype <sup>a</sup>	Geographical distribution	Genome <sup>b</sup>	Pol <sup>c</sup>	HBcAg <sup>c</sup>	PreS1 <sup>c</sup>
A	A1 (Aa)	<b>adw2</b> , <i>ayw1</i>	Africa, Asia	3221	845	185	400
	A2 (Ae)	<b>adw2</b> , <i>ayw1</i>	Northern Europe, North America				
B	B1 (Bj)	<b>adw2</b>	Japan	3215	843	183	400
	B2 (Ba)	<b>adw2</b> , <i>adw3</i>	Rest of Asia				
	B3	<b>adw2</b> , <i>ayw1</i>	Indonesia, China				
	B4	<b>ayw1</b> , <i>adw2</i>	Vietnam, Cambodia				
C	C1	<b>adrq+</b> , <i>ayr</i> , <i>adw2</i> , <i>ayw1</i>	Far East	3215	843	183	400
	C2	<b>adrq+</b> , <i>ayr</i>	Far East				
	C3	<i>adrq-</i> , <i>adrq+</i>	Pacific Islands				
D	D1	<b>ayw2</b> , <i>adw1</i> , <i>ayw1</i>	Europe, Middle East, Egypt, India, Asia	3182	832	183	389
	D2	<b>ayw3</b> , <i>ayw1</i>	Europe, Japan				
	D3	<b>ayw3</b> , <i>ayw2</i> , <i>ayw4</i>	Europe, Asia, South Africa, USA				
	D4	<b>ayw2</b> , <i>ayw3</i>	Australia, Japan, Papua New Guinea				
E		<b>ayw4</b> , <i>ayw2</i>	Sub-Saharan Africa, UK, France	3212	842	183	399
F	F Ia	<b>adw4</b> , <i>ayw4</i>	Central America	3215	843	183	400
	F Ib	<b>adw4</b>	Argentina, Japan, Venezuela, USA				
	F II	<b>adw4</b>	Brazil, Venezuela, Nicaragua				
	F III	<b>adw4</b>	Venezuela, Panama, Columbia				
	F IV	<b>adw4</b>	Argentina, Bolivia, France				
G		<b>adw2</b>	USA, Germany, Japan, France	3248	842	195	399
H		<b>adw4</b>	USA, Japan, Nicaragua	3215	843	183	400

<sup>a</sup>The main serotypes are shown in bold. <sup>b</sup>Nucleotides. <sup>c</sup>Amino acids. The sizes of HBsAg (226 amino acids), the PreS2 region (55 amino acids) and HBxAg (154 amino acids) are identical for all genotypes.