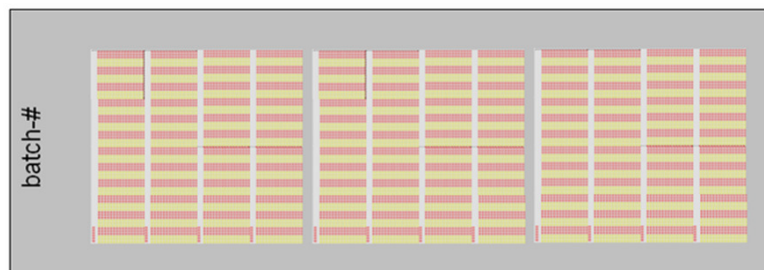


Product Data Sheet

Product	RepliTope Antigen Collection HBV Ultra
Product Code	RT-HD_HBV
Protein ID	Gene P, S, X and C transcription products from UNIPROT proteomes: UP000007908, UP000007909, UP000007910, UP000007906, UP000007907, UP000008766, UP000007912, UP000007911, UP000001503, UP000007916, UP000007919, UP000007918, UP000007913, UP000007914, UP000001386, UP000007915, UP000007917, UP000008502, UP000008501, UP000008675, UP000007526, UP000008503, UP000008500, UP000007920, UP000007926, UP000007921, UP000007924, UP000007923, UP000007922, UP000008591, UP000007927, UP000007925, UP000007929, UP000008283, UP000007932, UP000007930, UP000008282, UP000007931, UP000001388, UP000001387, UP000002445, UP000008538, UP000001180, UP000001799, UP000008031, UP000008284, UP000008032, UP000007406, UP000007407, UP000008537, UP000001181, UP000001182, UP000007409
No. of peptides	4782 (peptide length 15 AA)
Source	53 proteomes of HBV comprising genotypes A1, A2, A3, B, B/C, B1, B2, C, D, E, F1, F2, G and H*
Specifications	Microarray glass slide, 1" x 3" (2.5 x 7.5cm)
Layout	Peptides are printed in three individual subarrays. An exemplary view is shown below. For layout details please refer to .gal-file enclosed to shipment or contact customer support.

figure 1: schematic view of peptide microarray (3 subarrays)



Storage conditions Store refrigerated at +4°C.

Use recommended within 6 months.

*Strains covered by library:

Hepatitis B virus genotype A1 subtype adw (isolate Philippines/pFDW294/1988) (HBV-A)
Hepatitis B virus genotype A1 subtype adw2 (isolate South Africa/84/2001) (HBV-A)
Hepatitis B virus genotype A2 (isolate Japan/11D11HCCW/1998) (HBV-A)
Hepatitis B virus genotype A2 subtype adw (isolate Japan/Nishioka/1983) (HBV-A)
Hepatitis B virus genotype A2 subtype adw2 (isolate Germany/991/1990) (HBV-A)
Hepatitis B virus genotype A2 subtype adw2 (strain Rutter 1979) (HBV-A)
Hepatitis B virus genotype A3 (isolate Cameroon/CMR711/1994) (HBV-A)
Hepatitis B virus genotype A3 (isolate Cameroon/CMR983/1994) (HBV-A)
Hepatitis B virus genotype B (isolate NT15)
Hepatitis B virus genotype B/C subtype adw (isolate Okinawa/pODW282/1998) (HBV-B)
Hepatitis B virus genotype B1 (isolate Japan/Ry30/2002) (HBV-B)
Hepatitis B virus genotype B1 (isolate Japan/Yamagata-2/1998) (HBV-B)
Hepatitis B virus genotype B1 subtype adw (isolate Japan/pJDW233/1988) (HBV-B)
Hepatitis B virus genotype B2 (isolate Indonesia/pIDW420/1988) (HBV-B)
Hepatitis B virus genotype B2 (isolate Vietnam/16091/1992) (HBV-B)
Hepatitis B virus genotype B2 (isolate Vietnam/9873/1997) (HBV-B)
Hepatitis B virus genotype B2 subtype adw (isolate China/patient4/1996) (HBV-B)
Hepatitis B virus genotype C (isolate NAB28)
Hepatitis B virus genotype C (isolate NAB32)
Hepatitis B virus genotype C (isolate NAB47)
Hepatitis B virus genotype C (isolate NAB52)
Hepatitis B virus genotype C (isolate NAB9)
Hepatitis B virus genotype C (isolate NT3)
Hepatitis B virus genotype C (isolate Vietnam/3270/2000) (HBV-C)
Hepatitis B virus genotype C subtype adr (isolate Japan/A4/1994) (HBV-C)
Hepatitis B virus genotype C subtype adr (isolate Japan/Nishioka/1983) (HBV-C)
Hepatitis B virus genotype C subtype adr (isolate Korea/Kim/1989) (HBV-C)
Hepatitis B virus genotype C subtype adr (strain Japan/adr4/1983) (HBV-C)
Hepatitis B virus genotype C subtype ar (isolate Japan/S-207/1988) (HBV-C)
Hepatitis B virus genotype C subtype ayr (isolate Human/Japan/Okamoto/-) (HBV-C)
Hepatitis B virus genotype C subtype ayw (isolate Australia/AustRC/1992) (HBV-C)
Hepatitis B virus genotype C subtype ayw (isolate China/Tibet127/2002) (HBV-C)
Hepatitis B virus genotype D (isolate France/alpha1/1989) (HBV-D)
Hepatitis B virus genotype D (isolate Germany/1-91/1991) (HBV-D)
Hepatitis B virus genotype D subtype ayw (isolate Australia/AustKW/1991) (HBV-D)
Hepatitis B virus genotype D subtype ayw (isolate France/Tiollais/1979) (HBV-D)
Hepatitis B virus genotype D subtype ayw (isolate Italy/CI/1992) (HBV-D)
Hepatitis B virus genotype D subtype ayw (isolate Japan/JYW796/1988) (HBV-D)
Hepatitis B virus genotype E (isolate Chimpanzee/Ch195/1999) (HBV-E)
Hepatitis B virus genotype E (isolate Cote d'Ivoire/ABI-129/2003) (HBV-E)
Hepatitis B virus genotype E (isolate Cote d'Ivoire/ABI-212/2003) (HBV-E)
Hepatitis B virus genotype E subtype ayw4 (isolate Kou) (HBV-E)
Hepatitis B virus genotype F1 (isolate Argentina/sa11/2000) (HBV-F)
Hepatitis B virus genotype F1 subtype adw4 (isolate El Salvador/1116Sal/1997) (HBV-F)
Hepatitis B virus genotype F2 (isolate Argentina/sa16/2000) (HBV-F)
Hepatitis B virus genotype F2 (isolate Brazil/w4B) (HBV-F)
Hepatitis B virus genotype F2 (isolate Venezuela/VNZ8248-1/1980) (HBV-F)
Hepatitis B virus genotype F2 subtype adw4q (isolate Senegal/9203) (HBV-F)
Hepatitis B virus genotype G (isolate IG29227/2000) (HBV-G)
Hepatitis B virus genotype G (isolate United States/USG17/2002) (HBV-G)
Hepatitis B virus genotype H (isolate United States/LAS2523/2002) (HBV-H)
Hepatitis B virus genotype H subtype adw4 (isolate Nicaragua/1853Nic/1997) (HBV-H)
Hepatitis B virus genotype H subtype adw4 (isolate Nicaragua/2928Nic/1997) (HBV-H)