

## Data Sheet

<b>PRODUCT NAME:</b>	RepliTope Antigen Collection HBV Ultra
<b>PRODUCT CODE:</b>	RT-HD_HBV
<b>REPOSITORY REFERENCE:</b>	ARP7132
<b>DESCRIPTION:</b>	4782 peptides (peptide length 15 AA)
<b>SOURCE:</b>	53 proteomes of HBV comprising genotypes A1, A2, A3, B, B/C, B1, B2, C, D, E, F1, F2, G and H*
<b>CHARACTERISTICS:</b>	Microarray combining overlapping peptide scans through 53 annotated proteomes of HBV. The library comprises non-redundant sequences from gene P (2698 peptides), gene S (1154), gene X (516) and gene C (414) transcription products and covers strains from genotypes A1, A2, A3, B, B/C, B1, B2, C, D, E, F1, F2, G and H. This extensive collection consists of 4782 15mer peptides displayed on one microarray.
<b>SPECIFICATION:</b>	Microarray glass slide, 1" x 3" (2.5 x 7.5cm)
<b>LAYOUT:</b>	Peptides are printed in three individual subarrays. An exemplary view is shown below. For layout details please refer to .gal-file enclosed to shipment

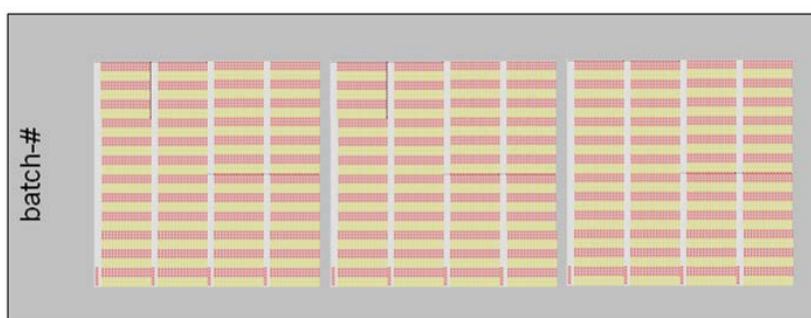


Figure 1: schematic view of peptide microarray (3 subarrays)

<b>STORAGE:</b>	Store refrigerated at +4°C
<b>CONTRIBUTOR:</b>	JPT Peptide Technologies GmbH, Volmerstrasse 5, 12489 Berlin, Germany

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**\*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)