

Data Sheet

PRODUCT NAME: PepMix HBV Ultra

PRODUCT CODE: PM-HBV

REPOSITORY REFERENCE: 100033

DESCRIPTION: 155 peptides, 15meric; approx. 25 µg / peptide

SOURCE: HBV Core Protein
Sequences from HBVdb

CHARACTERISTICS: HBV Core Protein, average coverage: 92.5%
All sequences are based on the HBV sequence database (HBVdb, hbvdb.ibcp.fr, Hayer J., Jadeau F., Deléage G., Kay A., Zoulim F., Combet C. (2013) HBVdb: a knowledge database for Hepatitis B Virus. *Nucleic Acids Res.*, **41**:D566-D570.).
For details please check the Annotations file at www.jpt.com
Detailed coverage by Genotype:

Genotype	Residues	Residues covered	% residues covered	# proteins
A	211642	201945	95.4	1144
B	217770	199118	91.4	1190
C	308907	285308	92.4	1688
D	223810	200360	89.5	1223
E	72102	67104	93.1	394
F	34770	33589	96.6	190
G	15990	15874	99.3	82
H	6039	5732	94.9	33
recombinant	113171	104382	92.2	616
all	1204201	1113412	92.5	6560

PRESENTATION: The peptides of this product are supplied as trifluoroacetate salts.

PURITY (HPLC): >70% (determined at 220 nm; individual peptides)

STORAGE: Store at - 20°C

SOLUBILITY

RECOMMENDATION: Dissolve in a minimum amount of pure DMSO (approx. 40 µl) and dilute with PBS buffer to the final concentration. Please note that the final concentration of DMSO must be below 1 % (v/v) to avoid toxicity in the biological system.

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