

<b>Product</b>	ProMix™ HBV Peptide Pool
<b>No. of peptides</b>	9 peptides
<b>Quantity</b>	approx. 25 µg / peptide
<b>Description</b>	This pool consists of 9 peptides, each corresponding to a defined HLA class I-restricted T cell epitope from Hepatitis B virus (HBV).
<b>Sequences</b>	<i>see overleaf</i>
<b>Purity (HPLC)</b>	>90% (determined at 220 nm; individual peptides)
<b>Remark</b>	The peptides of this product are supplied as trifluoroacetate salts
<b>Storage</b>	Store at - 20°C
<b>Solubilization</b>	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 a biological system.

**Use recommended within 6 months.**

**Released by:**  
(dated as per product label above)

**Sequences:**

<b>Peptide</b>	<b>Sequence</b>	<b>Epitope Source</b>	<b>HLA Allele Restriction</b>
1	FLLSLGIHL	HBV polymerase 573-581	A*02:01
2	FLLTRILTI	HBV envelope 183-191	A*02:01
3	FLPSDFFPSI	HBV core antigen 18-27 (subtype ADR4)	A*02:01
4	FLPSDFFPSV	HBV core antigen 18-27	A*02:01
5	GLSPTVWLSV	HBV surface antigen 185-194	A*02:01
6	WLSLLVPFV	HBV surface antigen 172-181	A*02:01
7	YVNVNMGLK	HBV core antigen 88-96	A*11:01
8	EYLVSEGVW	HBV core antigen 117-125	A*24:02
9	KYTSEFPWLL	HBV polymerase 756-764	A*24:02

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