

Technical Data Sheet

Product Name	<i>Epstein - Barr Virus (EBV) Control Peptide Pool</i>																																																																															
Size	3.75 mg																																																																															
Catalog #	AS-62341																																																																															
Description	<p>These 15 Cytomegalovirus (CMV) peptides, at 0.25 mg each (total of 3.75 mg/vial), have been used in the stimulation of IFNγ release from CD8+ T cells in individuals with defined HLA types, these epitopes are useful in applications such as ELISPOT, intracellular cytokine and CTL assays. All peptides are provided as net weight based on peptide content.</p> <table border="1"> <thead> <tr> <th>HLA Allele</th> <th>Virus</th> <th>Peptide Sequence</th> <th>MW</th> <th>Solvent</th> </tr> </thead> <tbody> <tr> <td rowspan="2">A2</td> <td>EBV LMP2A</td> <td>CLGGLLTMV</td> <td>907.2</td> <td>DMSO</td> </tr> <tr> <td>EBV BMLF 1</td> <td>GLCTLVAML</td> <td>921.2</td> <td>DMSO</td> </tr> <tr> <td rowspan="2">A3</td> <td>EBV</td> <td>RVRAYTYSK</td> <td>1144.3</td> <td>Water</td> </tr> <tr> <td>EBV</td> <td>RLRAEAQVK</td> <td>1071.3</td> <td>Water</td> </tr> <tr> <td rowspan="3">A11</td> <td>EBV EBNA 4NP</td> <td>AVFDRKSDAK</td> <td>1137.3</td> <td>Water</td> </tr> <tr> <td>EBV</td> <td>IVTDFSVIK</td> <td>1022.2</td> <td>Water</td> </tr> <tr> <td>EBV</td> <td>ATIGTAMYK</td> <td>956.2</td> <td>DMSO</td> </tr> <tr> <td>A24</td> <td>EBV RTA</td> <td>DYCNVLNKEF</td> <td>1246.4</td> <td>Water</td> </tr> <tr> <td>B7</td> <td>EBV</td> <td>RPPIFIRRL</td> <td>1168.5</td> <td>Water</td> </tr> <tr> <td rowspan="3">B8</td> <td>EBV BZLF-1</td> <td>RAKFKQLL</td> <td>1004.3</td> <td>Water</td> </tr> <tr> <td>EBV EBNA3A</td> <td>FLRGRAYGL</td> <td>1053.3</td> <td>Water</td> </tr> <tr> <td>EBV EBNA3</td> <td>QAKWRLQTL</td> <td>1144.4</td> <td>Water</td> </tr> <tr> <td>B27</td> <td>EBV EBNA 3C</td> <td>RRIYDLIEL</td> <td>1191.4</td> <td>Water</td> </tr> <tr> <td>B35</td> <td>EBV EBNA3A</td> <td>YPLHEQHGM</td> <td>1112.3</td> <td>Water</td> </tr> <tr> <td>B44</td> <td>EBV</td> <td>EENLLDFVRF</td> <td>1282.4</td> <td>Water</td> </tr> <tr> <td>All of the above</td> <td>Pooled Peptides</td> <td>All of the above</td> <td>N/A</td> <td>DMSO</td> </tr> </tbody> </table>	HLA Allele	Virus	Peptide Sequence	MW	Solvent	A2	EBV LMP2A	CLGGLLTMV	907.2	DMSO	EBV BMLF 1	GLCTLVAML	921.2	DMSO	A3	EBV	RVRAYTYSK	1144.3	Water	EBV	RLRAEAQVK	1071.3	Water	A11	EBV EBNA 4NP	AVFDRKSDAK	1137.3	Water	EBV	IVTDFSVIK	1022.2	Water	EBV	ATIGTAMYK	956.2	DMSO	A24	EBV RTA	DYCNVLNKEF	1246.4	Water	B7	EBV	RPPIFIRRL	1168.5	Water	B8	EBV BZLF-1	RAKFKQLL	1004.3	Water	EBV EBNA3A	FLRGRAYGL	1053.3	Water	EBV EBNA3	QAKWRLQTL	1144.4	Water	B27	EBV EBNA 3C	RRIYDLIEL	1191.4	Water	B35	EBV EBNA3A	YPLHEQHGM	1112.3	Water	B44	EBV	EENLLDFVRF	1282.4	Water	All of the above	Pooled Peptides	All of the above	N/A	DMSO
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