



PRODUCT DATA SHEET

Product	EBV-Peptide-Pool
Product No.	LB01714
No. of peptides	26 peptides
Amount	15 nmol (approx. 25ug)/peptide for stimulation of $2,5 \times 10^8$ cells
Purity (HPLC)	$\geq 95\%$
Counter ion	TFA
Remark	This pool consists of 26 peptides, each corresponding to a defined HLA class I-restricted T cell epitope from Epstein-Barr virus (EBV). The peptides of this product are supplied as trifluoroacetate salts.
Storage, Stability	Store dry at -20°C , best before if unopened 1 year after delivery
Solubility	Dissolve in a minimum amount of pure DMSO (approx. 40 μl) and dilute with water to the desired concentration. Please pay attention that the final concentration of DMSO must be below 1% (v/v) to avoid toxicity in the biological system.



Sequences:

No.	Sequence	Length	Source	
1	CLGGLLTMV	9	EBV LMP-2 426-434	HLA-A*02:01
2	GLCTLVAML	9	EBV BMLF-1 280-288	HLA-A*02:01
3	FLDKGTYTL	9	EBV BALF-4 276-284	HLA-A*02:01
4	FLYALALLL	9	EBV LMP-2 356-364	HLA-A*02:01
5	YLLEMLWRL	9	EBV LMP-1 125-133	HLA-A*02:01
6	RVRAYTYSK	9	EBV BRLF-1 148-156	HLA-A*03:01
7	RLRAEAQVK	9	EBV EBNA-3A 603-611	HLA-A*03:01
8	ATIGTAMYK	9	EBV BRLF1 134-142	HLA-A*11:01
9	AVFDRKSDAK	10	EBV EBNA 3B 399-408	HLA-A*11:01
10	IVTDFSVIK	9	EBV EBNA3B 416-424	HLA-A*11:01 HLA-A*68:01
11	SSCSSCPLSK	10	EBV LMP-2 340-349	HLA-A*11:01
12	DYCNVLNKEF	10	EBV BRLF1 28-37	HLA-A*24:02
13	PYLFWLAAI	9	EBV LMP2 131-139	HLA-A*24:02
14	TYGPFVMCL	9	EBV LMP-2 419-427	HLA-B*24:02
15	TYGPFVMSL	9	EBV LMP2 419-427	HLA-A*24:02
16	RPPIFIRRL	9	EBV EBNA-3A 247-255	HLA-B*07:02
17	QPRAPIRPI	9	EBV EBNA-3C 881-889	HLA-B*07:02
18	FLRGRAYGL	9	EBV EBNA-3A 325-333	HLA-B*08:01
19	RAKFKQLL	8	EBV BZLF-1 190-197	HLA-B*08:01
20	RRIYDLIEL	9	EBV EBNA 3C 258-266	HLA-B*27:02 HLA-B*27:05 HLA-B*27:04
21	YPLHEQHGM	9	EBV EBNA-3A 458-466	HLA-B*35:01
22	EPLPQGQLTAY	11	EBV BZLF-1 54-64	HLA-B*35:01
23	HPVGEADYFEY	11	EBV EBNA-1 407-417	HLA-B*35:01
24	IEDPPFNSL	9	EBV LMP2 200-208	HLA-B*40:01
25	EENLLDFVRF	10	EBV EBNA3C 281-290	HLA-B*44:05
26	QAKWRLQTL	9	EBV EBNA3A 158-166	HLA-B*08:01