



PRODUCT DATA SHEET

Product	HIV-Peptide-Pool
Product No.	LB01718
No. of peptides	22 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 22 peptides, each corresponding to a defined HLA class I-restricted T cell epitope from human immunodeficiency virus (HIV). 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 :

CEO
Dr. Oliver J. Kreuzer

Legal Domicile
Potsdam; HRB 15441 P
VAT-No.: DE 218433508

Bank Details
Berliner Volksbank
IBAN: DE97 1009 0000 7015 4420 04
BIC-NO: BEVODEBB



No.	Sequence	Length	Source	
1	GLADQLIHL	9	HIV-1 Vif 101-109	HLA-A*02:01
2	ILKEPVHGV	9	HIV-1 RT 476-484	HLA-A*02:01
3	KLTPLCVTL	9	HIV-1 env gp120 90-98	HLA-A*02:01
4	LTFGWCFKL	9	HIV-1 Nef 137-145	HLA-A*02:01
5	SLYNTVATL	9	HIV-1 p17 Gag 77-85	HLA-A*02:01
6	TLNAWVKVV	9	HIV-1 gag p24 19-27	HLA-A*02:01
7	QVPLRPMTYK	10	HIV-1 nef 73-82	HLA-A*03:01
8	RLRPGGKKK	9	HIV-1 gag p17 20-28	HLA-A*03:01
9	RYLKDQQLL	9	HIV Env gp160 585-593	HLA-A*24:02
10	RYPLTFGWCY	10	HIV-1 Nef 134-143	HLA-A*24:02
11	GPGHKARVL	9	HIV gag p24 223-231	HLA-B*07:02
12	IPRRIRQGL	9	HIV-1 env gp120 843-851	HLA-B*07:02
13	TPGPGVRYPL	10	HIV-1 nef 128-137	HLA-B*07:02
14	FLKEKGGL	8	HIV-1 nef 90-97	HLA-B*08:01
15	GEIYKRWII	9	HIV-1 gag p24 261-269	HLA-B*08:01
16	RLRPGGKKKY	10	HIV-1 p17 20-29	HLA-B*15:01
17	GRAFVTIGK	9	HIV Env 314-322	HLA-B*27:05
18	KRWIILGLNK	10	HIV p24-Gag 263-272	HLA-B*27:05
19	KRWIIMGLNK	10	HIV-1 Gag p24 263-272	HLA-B*27:05
20	NPDIVIYQY	9	HIV-1 RT 330-338	HLA-B*35:01
21	VPLDEDFRKY	10	HIV-1 RT 273-282	HLA-B*35:01
22	KEKGGLEGL	9	HIV-1 Nef 92-100	HLA-B*40:01

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