

## Product Data Sheet

**Product:** PepStar™ HIV-1 env (gp120 protein + signal peptide)

**Product code:** RT-0014-2

**Source:** Human immunodeficiency virus (HIV)

**Protein ID:** P04578, region: 1-511

**No. of peptides:** 164 peptides (15mers with 11 aa overlap))

**Length:** 500 aa

**Sequence:**

MRVKEKYQHL	WRWGWRWGTM	LLGLMICS	TEKLWVTVYY	GVPVWKEATT	TLFCASDAKA
YDTEVHNVWA	THACVPTDPN	PQEVVLVNV	ENFNMWKNDM	VEQMHEDIIS	LWDQSLKPCV
KLTPLCVSLK	CTDLKNDTNT	NSSSGRMIME	KGEIKNCSFN	ISTSIRGKVQ	KEYAFFYKLD
IIPIDNDTTS	YKLTSCNTSV	ITQACPVSF	EPIPIHYCAP	AGFAILKCNN	KTFNGTGPCT
NVSTVQCTHG	IRPVVSTQLL	LNGSLAEEV	VIRSVNFTDN	AKTIIVQLNT	SVEINCTRPN
NNTRKRIRIQ	RGPGRAFVTI	GKIGNMRQAH	CNISRAKWNN	TLKQIASKLR	EQFGNNKTII
FKQSSGGDPE	IVTHSFNCGG	EFFYCNSTQL	FNSTWFNSTW	STEGSNNTEG	SDTITLPCRI
KQIINMWQKV	GKAMYAPPIS	GQIRCSSNIT	GLLLTRDGGN	SNNESEIFRP	GGGDMDRNWR
SELYKYKVVK	IEPLGVAPT				

**Specifications:** Microarray glass slide, 1"x3" (2.5 x 7.5cm)

**Layout:** Peptides are printed in 21 mini arrays (3 subarrays each). An exemplary view is shown below. For layout details please refer to .gal-file enclosed to shipment or contact customer support.

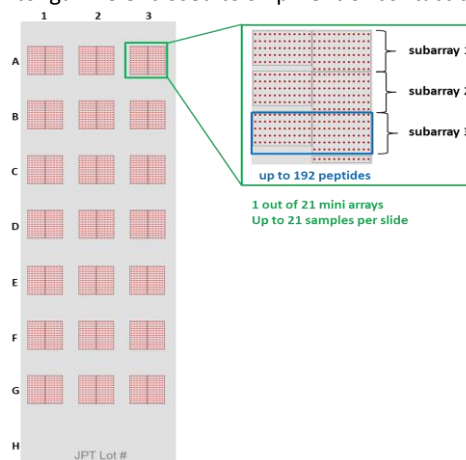


figure 1: Multiwell array format: 21 mini arrays per slide. Each mini array displays all peptides in triplicates

**Storage conditions:** Store reffridgerated at 4°C