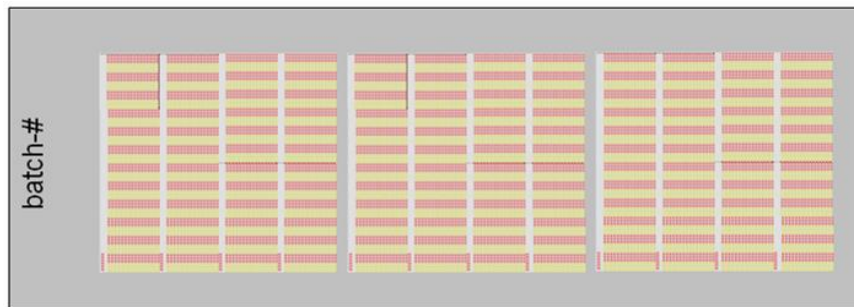


## Product Data Sheet

|                         |   |
|-------------------------|---|
| <b>Product:</b>         | RepliTope Antigen Collection HIV Ultra  |
| <b>Product Code:</b>    | RT-HD_HIV   |
| <b>Protein ID:</b>      | Immunogenic regions of HIV-1 Pproteome as reported by LANL ( <a href="http://www.hiv.lanl.gov/content/immunology/maps/ab/ab.pdf">http://www.hiv.lanl.gov/content/immunology/maps/ab/ab.pdf</a> , Version March 5th, 2010) based on the Alignment of HIV Sequences at LANL ( <a href="http://www.hiv.lanl.gov/content/sequence/NEWALI">http://www.hiv.lanl.gov/content/sequence/NEWALI</a> GN/align.html, Version 2009). The coverage of the library for all sequences in the respective alignment is for ENV 57%, GAG 72%, NEF 62% and TAT 46%. |
| <b>No. of peptides:</b> | 6758 (peptide length 15 AA)   |
| <b>Source:</b>          | HIV-1 LANL Alignment 2009   |
| <b>Specifications:</b>  | Microarray glass slide, 1" x 3" (2.5 x 7.5cm)   |
| <b>Layout:</b>          | Peptides are printed in three individual subarrays. An exemplary view is shown below. For layout details please refer to .gal-file enclosed to shipment or contact customer support.  |

figure 1: schematic view of peptide microarray (3 subarrays)



**Storage conditions:** Store refrigerated at +4°C.

**Use recommended within 6 months.**