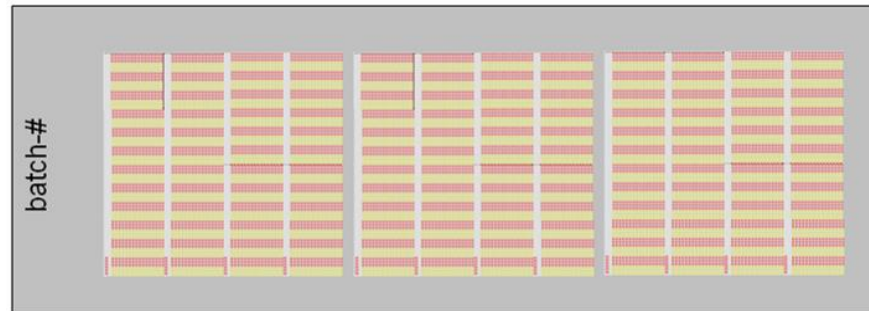


## Product Data Sheet

|                         |  |
|-------------------------|--|
| <b>Product:</b>         | RepliTope Antigen Collection Mycobacterium tuberculosis Ultra  |
| <b>Product Code:</b>    | RT-HD-MTB  |
| <b>Protein ID:</b>      | Uniprot ID (Rv number) of the selected H37Rv antigens:<br>O05461 (Rv3883c), O06608 (Rv1582c), O50382 (Rv3353c), O53478 (Rv2034), O69703 (Rv3736), P71810 (Rv1382), P95149 (Rv1866), P96264 (Rv0418), P9WF43 (Rv3219), P9WF73 (Rv1114), P9WG27 (Rv2389c), P9WG29 (Rv1009), P9WG31 (Rv0867c), P9WGU1 (Rv0934), P9WHM5 (Rv0956), P9WHZ5 (Rv2608), P9WI37 (Rv0755c), P9WID3 (Rv2029c), P9WIP9 (Rv0475), P9WIZ9 (Rv2032), P9WJA3 (Rv2626c), P9WJC1 (Rv3879c), P9WJC3 (Rv3878), P9WJW7 (Rv2994), P9WJY7 (Rv1737c), P9WK31 (Rv1986), P9WL65 (Rv2628), P9WL67 (Rv2627c), P9WLN1 (Rv2005c), P9WLS5 (Rv1735c), P9WLS9 (Rv1733c), P9WM83 (Rv0569), P9WNK3 (Rv0288), P9WNK5 (Rv3874), P9WNK7 (Rv3875), P9WQ27 (Rv3031), P9WQM5 (Rv1979c), P9WQP1 (Rv1886c), P9WQP3 (Rv3804c), Q6MWX9 (Rv3347c) |
| <b>No. of peptides:</b> | 6388 (peptide length 15 AA)  |
| <b>Source:</b>          | 40 antigenic proteins of Mycobacterium tuberculosis reference strain H37Rv supplemented by 354 homologous antigens found in other M. tuberculosis strains. 17 different MTB strains are represented by the selection*.   |
| <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.**

\*Strains covered by library (Uniprot annotation):

Mycobacterium tuberculosis (strain ATCC 25618 / H37Rv)  
Mycobacterium tuberculosis MD15956  
Mycobacterium tuberculosis M1034  
Mycobacterium tuberculosis  
Mycobacterium tuberculosis MAL010121  
Mycobacterium tuberculosis OFXR-27  
Mycobacterium tuberculosis OFXR-28  
Mycobacterium tuberculosis TKK-01-0051  
Mycobacterium tuberculosis BTB05-013  
Mycobacterium tuberculosis BTB05-348  
Mycobacterium tuberculosis C  
Mycobacterium tuberculosis (strain ATCC 25177 / H37Ra)  
Mycobacterium tuberculosis T46  
Mycobacterium tuberculosis CPHL\_A  
Mycobacterium tuberculosis (strain CDC 1551 / Oshkosh)  
Mycobacterium tuberculosis str. Haarlem/NITR202  
Mycobacterium tuberculosis CAS/NITR204