

Data Sheet

PRODUCT NAME:	RepliTope Antigen Collection Mycobacterium tuberculosis Ultra
PRODUCT CODE:	RT-HD-MTB
REPOSITORY REFERENCE:	100 099
DESCRIPTION:	6388 peptides (peptide length 15 AA)
SOURCE:	Antigenic proteins of Mycobacterium tuberculosis reference strain H37Rv and 16 additional M. tuberculosis strains.
CHARACTERISTICS:	Microarray with a comprehensive collection of 6388 overlapping, non-redundant 15-meric peptides from antigenic proteins of Mycobacterium tuberculosis. This array was produced by carefully selecting 40 antigens of MTB reference strain H37Rv supplemented by 354 homologous antigens found in other M. tuberculosis strains. A total of 17 different MTB strains are represented by the selection*.
SPECIFICATION:	Microarray glass slide, 1" x 3" (2.5 x 7.5cm)
LAYOUT:	Peptides are printed in three individual subarrays. An exemplary view is shown below. For layout details please refer to .gal-file enclosed to shipment

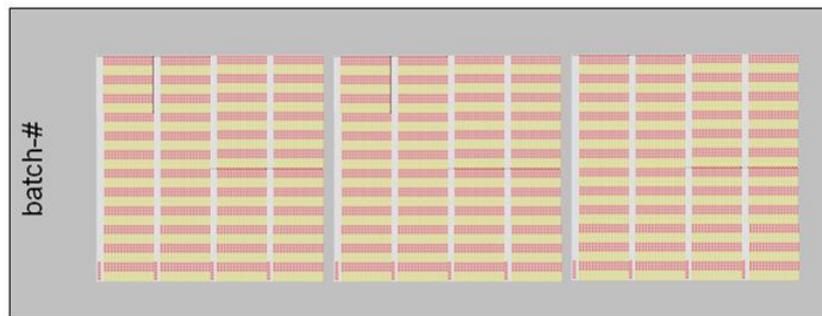


Figure 1: schematic view of peptide microarray (3 subarrays)

STORAGE:	Store refrigerated at +4°C
CONTRIBUTOR:	JPT Peptide Technologies GmbH, Volmerstrasse 5, 12489 Berlin, Germany

ACKNOWLEDGEMENTS

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***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 TTK-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