

PepPool: TB (EspC), scanning

Product code:	3623-1
Contents:	The EspC scanning pool contains 23 peptides from the <i>Mycobacterium tuberculosis</i> ESX-1 secretion-associated protein EspC. The peptides are 15-mers overlapping with 11 amino acids, covering the complete protein. The mean purity of the synthetic peptides is 97%.
Applications:	The EspC scanning pool stimulates T cells to produce e.g. IFN- γ and can be used in ELISpot and FluoroSpot assays for enumeration of peptide specific T cells.
Instructions:	<p>Sterile handling is recommended. Dissolve the lyophilized peptide pool by addition of 40 μl DMSO to the vial. Then add 85 μl PBS, mix and aliquote and store at -20°C or below. This stock solution will have a concentration of 200 μg/ml of each peptide.</p> <p>Dilute the stock solution in cell culture medium to obtain a final assay dilution of 1:100, i.e. 2 μg/ml of each peptide in the cell culture. Use the peptide pool in ELISpot and FluoroSpot assay for stimulation of e.g. 250,000 cells/well. Use the diluted peptide solution fresh.</p>
Storage:	Shipped at ambient temperature. Store frozen at -20°C or below upon receipt. After reconstitution, store aliquotes at at -20°C or below. We recommend the aliquots not be refrozen after initial use.
Quantity:	One vial with 25 ug of each peptide.

MABTECH

Note; for research use only.
Mabtech shall not be liable for the use or handling of the product or for consequential, special, indirect or incidental damages therefrom.

Mabtech AB (Head Office)
Sweden
Tel: +46 8 716 27 00
mabtech@mabtech.com
Updated on 2022-11-22

Mabtech, Inc.
USA
Tel: +1 513 871-4500
mabtech.usa@mabtech.com



Developed and manufactured by MABTECH AB, Sweden, whose quality management system complies with the standards ISO 9001:2015 & ISO 13485:2016.

Peptides included PepPool: TB (EspC), scanning

Peptide	Sequence	Source
1	TENLTVQPERLGVLA	EspC
2	TVQPERLGVLASHHD	EspC
3	ERLGVLASHHDNAAV	EspC
4	VLASHHDNAAVDASS	EspC
5	HHDNAAVDASSGVEA	EspC
6	AAVDASSGVEAAAGL	EspC
7	ASSGVEAAAGLGESV	EspC
8	VEAAAGLGESVAITH	EspC
9	AGLGESVAITHGPYC	EspC
10	ESVAITHGPYCSQFN	EspC
11	ITHGPYCSQFNDTLN	EspC
12	PYCSQFNDTLNVYLT	EspC
13	QFNDTLNVYLTAHNA	EspC
14	TLNVYLTAHNALGSS	EspC
15	YLAHNALGSSLHTA	EspC
16	HNALGSSLHTAGVDL	EspC
17	GSSLHTAGVDLAKSL	EspC
18	HTAGVDLAKSLRIAA	EspC
19	VDLAKSLRIAAKIYS	EspC
20	KSLRIAAKIYSEADE	EspC
21	IAAKIYSEADEAWRK	EspC
22	IYSEADEAWRKAIDG	EspC
23	ADEAWRKAIDGLFT	EspC