

PepPool: TB (ESAT-6), scanning

Product code:	3624-1
Contents:	The ESAT-6 scanning pool contains 21 peptides from the <i>Mycobacterium tuberculosis</i> early secretory antigenic target (ESAT-6). The peptides are 15-mers overlapping with 11 amino acids, covering the complete protein. The mean purity of the synthetic peptides is 98%.
Applications:	The ESAT-6 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.

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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.

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

Peptides included in PepPool: TB (ESAT-6), scanning

Peptide	Sequence	Source
1	TEQQWNFAGIEAAAS	ESAT-6
2	WNFAGIEAAASAIQG	ESAT-6
3	GIEAAASAIQGNVTS	ESAT-6
4	AASAIQGNVTSIHSL	ESAT-6
5	IQGNVTSIHSLDEG	ESAT-6
6	VTSIHSLDEGKQSL	ESAT-6
7	HSLLEDEGKQSLTKLA	ESAT-6
8	DEGKQSLTKLAAAWG	ESAT-6
9	QSLTKLAAAWGGSGS	ESAT-6
10	KLAAAWGGSGSEAYQ	ESAT-6
11	AWGGSGSEAYQGVQQ	ESAT-6
12	SGSEAYQGVQQKWD	ESAT-6
13	AYQGVQQKWDATATE	ESAT-6
14	VQQKWDATATELNNA	ESAT-6
15	WDATATELNNALQNL	ESAT-6
16	ATELNNALQNLARTI	ESAT-6
17	NNALQNLARTISEAG	ESAT-6
18	QNLARTISEAGQAMA	ESAT-6
19	RTISEAGQAMASTEG	ESAT-6
20	EAGQAMASTEGNVGTG	ESAT-6
21	AMASTEGNVGTGMFA	ESAT-6