

PepPool: TB (CFP-10) scanning

Product code:	3625-1
Contents:	The CFP-10 scanning pool contains 23 peptides from the <i>Mycobacterium tuberculosis</i> culture filtrate protein (CFP-10). 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 CFP-10 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 -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 (CFP-10), scanning

Peptide	Sequence	Source
1	MAEMKTDAAATLAQEA	CFP-10
2	KTDAATLAQEAGNFE	CFP-10
3	ATLAQEAGNFERISG	CFP-10
4	QEAGNFERISGDLKT	CFP-10
5	NFERISGDLKTQIDQ	CFP-10
6	ISGDLKTQIDQVEST	CFP-10
7	LKTQIDQVESTAGSL	CFP-10
8	IDQVESTAGSLQGQW	CFP-10
9	ESTAGSLQGQWRGAA	CFP-10
10	GSLQGQWRGAAGTAA	CFP-10
11	GQWRGAAGTAAQAAV	CFP-10
12	GAAGTAAQAAVRFQ	CFP-10
13	TAAQAAVRFQEAAAN	CFP-10
14	AAVRFQEAAANKQKQ	CFP-10
15	RFQEAAANKQKQELDE	CFP-10
16	AANKQKQELDEISTN	CFP-10
17	QKQELDEISTNIRQA	CFP-10
18	LDEISTNIRQAGVQY	CFP-10
19	STNIRQAGVQYSRAD	CFP-10
20	RQAGVQYSRADEEQQ	CFP-10
21	VQYSRADEEQQALS	CFP-10
22	RADEEQQALSSQMG	CFP-10
23	EQQALSSQMGF	CFP-10