

Anti-CD3/CD28 stimulus for human PBMC

Catalog No.	CMC443	Quantity:	50 tests
Contents:	Optimal amount of both CD3 and CD28 monoclonal antibodies for ELISPOT analyses. Buffer prior to lyophilization: 0.5 ml PBS + 125 mM trehalose + 1% BSA. Preservative free.		
Sterility:	Membrane filtered (0.2 µm).		
Packaging:	10 ml clear glass bottle.		
Application:	Reconstitute the lyophilized contents by injecting 500 µl sterile distilled water into the vial. Mix the solution gently for approximately 15 seconds and allow it to stand for 2 minutes at room temperature. Avoid vigorous shaking. Working concentration: 100x in culture medium containing $\geq 10^4$ human PBMC/ml. Add 10 µl of the stock solution to 990 µl culture medium containing $\geq 10^4$ human PBMC/ml (50 tests per vial).		
Formulation:	A white pancake-like powder. After reconstitution: a clear solution. Do not use if the solution is or has become turbid.		
Specificity:	To be used as a polyclonal T-cell activator in the human cytokine ELISPOT analyses. The vial contains two antibodies specific for human CD3 and CD28. A variety of different cytokines are elicited by this antibody combination including IFN-g, IL-2, IL-4, IL-5, IL-10 and IL-13.		
Safety:	No toxic or hazardous material.		
Storage & Stability:	The lyophilized peptide pool can be safely stored at 4°C for a defined length of time (expiry date indicated on vial). After reconstitution, the peptides are stable for at least 12 months at 4°C when kept sterile. However, it is strongly recommended to divide the reconstituted peptides into small aliquots for single use. These aliquots should be stored at $\leq -70^\circ\text{C}$. Under these conditions the peptides are stable for minimal 4 years.		

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