

## Cell Stimulation Cocktail (500X)

<b>Catalog No.</b>	<b>Size</b>
FXP048-100	100 uL
FXP048-4x100	4x100 uL

  

<b>Concentration:</b>	500× (Use at 1×:dilute 1/500 or to 2ug/ml final concentration)
<b>Formulation:</b>	Phorbol 12-myristate 13-Acetate (40.5uM),Ionomycin(670uM) in Ethanol(500×)
<b>Storage Condition:</b>	Store at -20° C. Protect from light.
<b>Handling Conditions:</b>	Wear suitable personal protective equipment and gloves.

### DESCRIPTION:

The Cell Stimulation Cocktail (500X) is a cocktail of Phorbol 12-myristate 13-Acetate(PMA) and Ionomycin.Treatment with PMA and Ionomycin is sufficient to induce activation of many cell types to produce cytokines.This cocktail can be used to induce cytokine production in in vitro cell culture for subsequent detection in immunoassays.It can also be used in conjunction with the protein transport inhibitor cocktail(500×)(Cat:FXP050) for intracellular retention of the induced cytokine expression

### Applications Reported:

The Cell Stimulation Cocktail (500X) has been reported for use in flow cytometric analysis,ELISA and cell culture.

### Applications Test:

The Cell Stimulation Cocktail has been tested by treatment of mouse splenocytes for 5 o 18h in combination with the protein transport inhibitor cocktail(Cat:FXP050) followed by intracellular staining and flow cyttometric analysis of IFN-gamma.This cocktail is supplied as a 500X concentration and can be directly added to culture medium at 1×(2ug/ml).

This product is formulated with a solvent that will not freeze at the recommended storage temperatures.It is recommended that this product be kept tightly sealed and cold at all times to avoid excess evaporation.

#### 4A Biotech Co., Ltd.

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## Related Products:

Catalog No.	Product Name	Applications
FXP045	Monensin Solution (1,000X)	
FXP046	Lipopolysaccharide (LPS) Solution (500X)	
FXP047	Phytohemagglutinin-L (PHA-L) Solution (500X)	
FXP049	Cell Stimulation Cocktail (plus protein transport inhibitors) (500X)	
FXP050	Protein Transport Inhibitor Cocktail (500X)	

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