Revision 17

#29255 Store at -20C

Cell Stimulation Cocktail (without Protein Transport Inhibitors) (500X)

100 µl

Cell Signaling TECHNOLOGY®

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For Research Use Only. Not for Use in Diagnostic Procedures.

Description

Cell Stimulation Cocktail (without Protein Transport Inhibitors) (500X) is an ethanol solution that contains the phorbol ester, PMA (phorbol-12-myristate-13-acetate) and the calcium ionophore, Ionomycin. When added *in vitro* to cell suspensions, the PMA and Ionomycin activate the cells, leading to increased cytokine production for detection by downstream immunoassays.

CAS

Storage

Store at -20ºC tightly sealed to prevent evaporation and protected from light. This product is stable for at least 12 months when stored at -20ºC.

Directions for Use:

1. Prepare the cell suspension in the appropriate cell culture medium.

2. To obtain a 1X final concentration, add the Cell Stimulation Cocktail (without Protein Transport Inhibitors) (500X) directly to the cell suspension at 2 µL/mL.

3. Incubate the cells at 37°C in an atmosphere that contains CO_2.

4. Harvest the cells for the immunoassay of interest.

Note: The concentration of cells and incubation time will vary depending on the desired results. This product is an ethanol solution and susceptible to evaporation. Keep tightly sealed when not in use.

Cross-Reactivity Key

H: human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Mi:** mink **C:** chicken **Dm:** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Sc:** S. cerevisiae **Ce:** C. elegans **Hr:** horse **GP:** Guinea Pig **Rab:** rabbit **All:** all species expected

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