

## Brefeldin A Solution (1000X)

Catalog Number: 00-4506

GPR: General Purpose Reagents. For Laboratory Use.

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### Product Information

Contents: Brefeldin A Solution (1000X)

 Catalog Number: 00-4506

 **Temperature Limitation:** Store at 2-8°C.

 **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

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### Description

Brefeldin A is an inhibitor of intracellular protein transport. Incubation of cells in culture with Brefeldin A leads to blockade of protein transport to the Golgi complex (GC) and accumulation of proteins in the endoplasmic reticulum (ER). Addition of Brefeldin A during the last hours of in vitro activation of cells results in enhanced detection of intracellular cytokines. Brefeldin A is effective for enhanced detection of a majority of mouse and human intracellular cytokines; however, it is advised that the investigators evaluate the use and efficacy of this reagent as well as other protein transport inhibitors such as Monensin in their specific assay system.

### Applications Reported

The Brefeldin A Solution is supplied at 1000X working concentration in methanol. Prior to addition to the cell cultures, a 1:1000 dilution in the culture media should be made. The final working concentration of the Brefeldin A (at 1x) is 3.0 ug/ml.

### Related Products

00-4500 Mouse Cytokine Positive Control Cells

00-4505 Monensin Solution (1000X)

00-4509 Human Cytokine Positive Control Cells

00-8222 IC Fixation Buffer

00-8333 Permeabilization Buffer (10X)

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