



ENCES[®] G-Biosciences + 1-800-628-7730 + 1-314-991-6034 + <u>technical@GBiosciences.com</u>

A Geno Technology, Inc. (USA) brand name

PhosphataseArrest[™] I

For Complete Inhibition of Phosphatase Activities

(Cat. # 786-450, 786-647, 786-782, 786-783 & 786-784)



INTRODUCTION

PhosphataseArrest[™] I is a broad spectrum phosphatase inhibitor cocktail consisting of 5 phosphatase inhibitors that target all the phosphatase categories: serine/threonine (Ser/Thr) specific, tyrosine specific and dual specificity phosphatases. PhosphataseArrest[™] I is a 100X concentrated, ready-to-use solution. If samples have high phosphatase activity then the PhosphataseArrest[™] I can be used at 2-3X concentrations to ensure complete inhibition. PhosphataseArrest[™] I cocktail is ideal for inhibition in tissue extractions and cell lysis experiments and is compatible with most common protein assays. Due to the salt concentrations of the cocktail, PhosphataseArrest[™] I is not suitable for direct IEF/2D studies.

ITEM(S) SUPPLIED

| Description | Cat# | Cat# | Cat# | Cat# | Cat# |
|--|---------|-------------|---------|---------|---------|
| | 786-450 | 786-647 | 786-782 | 786-783 | 786-784 |
| PhosphataseArrest [™] I [100X] | 1ml | 24 x 100 μl | 2ml | 5ml | 10ml |

STORAGE CONDITIONS

It is shipped at ambient temperature. Upon arrival, store PhosphataseArrest[™] I at 4°C. If stored properly, it is stable for 1 year.

PREPARATION BEFIRE USE

Vortex the PhosphataseArrest[™] I vial briefly before removing the solution. If crystals develop after storage at 4°C, bring the solution to room temperature and vortex.

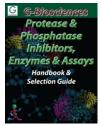
PROTOCOL

- 1. Add 10µl/ml PhosphataseArrest[™] I directly in to an appropriate volume of extraction buffer or protein extract to a 1X final concentration.
- For higher potency of phosphatase inhibition, add 20-30µl/ml PhosphataseArrest[™] I to give a 2-3X final concentration.

NOTE: A protease inhibitor cocktail [ProteaseArrest^{\mathcal{T}} (Cat. # 786-108)] and a Nuclease cocktail [FOCUS Nuclease^{\mathcal{T}} (Cat. # 786-039F)] may be added in the same reaction mixture.

RELATED PRODUCTS

Download our Protease & Phosphatase Inhibitors, Enzyme & Assays Handbook.



http://info.gbiosciences.com/protease-phosphatase-inhibitors-enzymes-assay-

handbook

For other related products, visit our website at <u>www.GBiosciences.com</u> or contact us.

Last saved: 6/24/2014 IA



www.GBiosciences.com