



## PhosphataseArrest™ II

### INTRODUCTION

PhosphataseArrest™ II is a phosphatase inhibitor cocktail consisting of 5 phosphatase inhibitors that target acid, alkaline and tyrosine phosphatases. PhosphataseArrest™ II is a 100X concentrated, ready-to-use solution. If samples have high phosphatase activity then the PhosphataseArrest™ II can be used at 2-3X concentrations to ensure complete inhibition. PhosphataseArrest™ II 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 PhosphataseArrest™ II cocktail, it is not suitable for direct IEF/2D studies.

### ITEMS INCLUDED

Cat# 786-451

PhosphataseArrest™ II [100X]	1.0ml
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### STORAGE CONDITIONS

Shipped at ambient temperature. Upon arrival, store PhosphataseArrest™ II at 4°C. If stored properly, it is stable for 1 year.

### INSTRUCTION FOR USE

Vortex the vial briefly before removing the solution.

Add 10µl/ml PhosphataseArrest™ II 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™ II to give a 2-3X final concentration.

**NOTE:** A protease inhibitor cocktail [ProteaseArrest™ (Cat# 786-108)] and a nuclease cocktail [FOCUS-Nuclease™ (Cat # 786-039F)] may be added in the same reaction mixture.

### RELATED PRODUCTS

1. **Fraction-FOCUS** (Cat. # 786-168) - For fractionation of protein for IEF/2D gel analysis.
2. **Perfect-FOCUS** (Cat. # 786-123) - Preparing samples for 2D gels.
3. **FOCUS-Nuclease™** (Cat. # 786-039F) - for removing nucleic acid contamination from samples.
4. **IBS™** (Cat. # 786-183) - Inclusion bodies solubilization buffer. For solubilization of isolated inclusion bodies prior to re-folding protein procedures.
5. **Foldase™** (Cat. # 786-185): A kit for optimization of protein folding procedures includes a selection of Foldase, i.e., agents to facilitate protein folding.
6. **Protein Master™ -Strategy** (Cat.# 786-184): A kit for optimization of purification of novel proteins, includes a selection of agents, tools and simple to follow protocols.
7. **NI™ -Protein Assay** (Cat. #786-005): A protein assay that is free from interference of common laboratory agents, including reducing agents, detergents, dyes, EDTA, etc.

**NOTE:** For other related products, please visit our web site [www.GBiosciences.com](http://www.GBiosciences.com) or contact us.

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