



PhosphataseArrest™ IV

INTRODUCTION

PhosphataseArrest™ IV is a cocktail of three phosphatase inhibitors for the inhibition of both serine/threonine and alkaline phosphatases. PhosphataseArrest™ IV is a 100X concentrated, ready-to-use solution. PhosphataseArrest™ IV is ideal for inhibition in tissue extractions and cell lysis experiments and is compatible with most common protein assays and IEF/2D studies. If samples have high phosphatase activity then the PhosphataseArrest™ IV can be used at 2-3X concentrations to ensure complete inhibition.

ITEM(S) SUPPLIED

Cat# 786-602

PhosphataseArrest™ IV [100X]	1.0ml
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STORAGE CONDITIONS

It is shipped at ambient temperature. Upon arrival, store PhosphataseArrest™ IV at -20°C. If stored properly, it is stable for 1 year.

INSTRUCTION FOR USE

Vortex the PhosphataseArrest™ IV vial briefly before taking it out from the vial for your experiment.

Add 10Y/ml PhosphataseArrest™ IV directly in to an appropriate volume of extraction buffer or protein extract to a 1X final concentration.

For higher potency of phosphatase inhibition, add 20-30Y/ml PhosphataseArrest™ IV to give a 2-3X final concentration.

NOTE: A protease inhibitor cocktail [FOCUS-ProteaseArrest™ (Cat# 786-108F)] and a Nuclease inhibitor 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. **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, visit our web site at www.GBiosciences.com or contact us.

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