

Product information

QF 24 V4
CV1 2018

Phosphatase Inhibitor Cocktail

Catalog #: PL017
Concentration: 100X concentrated
Size: 1ml
Storage: -20°C

Product Description:

Phosphatase Inhibitor Cocktail is an aqueous solution of five phosphatase inhibitors (Imidazole , Sodium Fluoride, Sodium Molybdate , Sodium Orthovanadate , Sodium Tartrate Dihydrate)for the inhibition of acid and alkaline phosphatases as well as protein tyrosine phosphatases (PTPs). It is a 100X concentrated, ready-to-use solution. If samples have high phosphatase activity then the Phosphatase Inhibitor cocktail can be used at 2-3X concentrations to ensure complete inhibition. It 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 Phosphatase Inhibitor cocktail, it is not suitable for direct IEF/2D studies. Dilute 1:100 immediately before use.

Components:

Name	Size
Phosphatase Inhibitor Cocktail	1ml (100x)

Shipping and Storage:

Product shipped at ambient temperature. Upon receipt, store Phosphatase Inhibitor Cocktail at -20°C. The solution has one year expiration.

Procedure:

1. Thaw and vortex the vial briefly before removing the solution.
2. Add 10ul/ml Phosphatase Inhibitor cocktail directly in to an appropriate volume of extraction buffer or protein extract to a 1X final concentration.
3. For higher potency of phosphatase inhibition, add 20-30ul/ml Phosphatase Inhibitor cocktail to give a 2-3X final concentration.



PRODUCTS ARE INTENDED FOR BASIC SCIENTIFIC RESEARCH ONLY.
NOT INTENDED FOR HUMAN OR ANIMAL USE.