

## Product information

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# Phosphatase Inhibitor Cocktail II

**Catalog #:** PL019  
**Size:** 1ml  
**Storage:** -20°C\*

\*: Product will be shipped with ice pack. Check storage conditions. Phosphatase Inhibitor Cocktail II has one year expiration from time of purchase.

### Product Description:

The Phosphatase Inhibitor Cocktail II contains four phosphatase inhibitors (Sodium Fluoride, Sodium Orthovanadate, Sodium Pyrophosphate decahydrate, b-Glycerophosphate) for broad-spectrum inhibition of both serine/threonine and protein tyrosine phosphatases. It is a 10X concentrated, ready-to-use solution. If samples have high phosphatase activity, Phosphatase Inhibitor Cocktail can be used at 2X concentrations to ensure complete inhibition. The 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, Phosphatase Inhibitor Cocktail is not suitable for direct IEF/2D studies. Each vial contains 1 ml aqueous solution. Dilute 1:10 immediately before use.

### Storage and Transportation:

Upon receipt, store Phosphatase Inhibitor Cocktail at -20°C.

### Usage:

1. Thaw and vortex the vial briefly before removing the solution.
2. Add 100 µl Phosphatase Inhibitor Cocktail directly into 1mL of extraction buffer or protein extract to a 1X final concentration.
3. For higher potency of phosphatase inhibition, add 200 µl per mL Phosphatase Inhibitor Cocktail to give a 2X final concentration.



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