

EZBlock™ Phosphatase Inhibitor Cocktail I (50X)

rev.05/16

CATALOG NO: K273-1 1 ml
K273-set 5 x 1 ml

FORM: Liquid

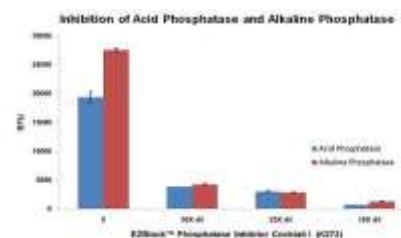
STORAGE: -20 °C. Hygroscopic

DESCRIPTION: A cocktail of four phosphatase inhibitors (see table below) that can inhibit both serine/threonine and protein tyrosine phosphatases (PTPs). This cocktail is suitable for use with cell lysates as well as tissue extracts from different species.

USE: A 1X solution is a good starting point but the working concentration should be optimized for each individual application.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

| Phosphatase Inhibitor | M.W. | Target Phosphatase | Concentration in the vial (50X) |
|-----------------------------------|--------|--|---------------------------------|
| Sodium Fluoride | 41.99 | Acid Phosphatases | 250 mM |
| Sodium Orthovanadate | 183.9 | Protein Tyrosine Phosphatase, Alkaline Phosphatase | 50 mM |
| Sodium Pyrophosphate, Decahydrate | 446.06 | Ser/Thr Phosphatases | 50 mM |
| β-Glycerophosphate | 306.1 | Ser/Thr Phosphatases | 50 mM |



RELATED PRODUCTS:

AEBSF, HCl (Cat. No. 1644-200, 1G)
 Aprotinin (Cat. No. 4690-5, 100, 1000)
 BCA Protein Quantitation Kit (Cat. No. K812-1000)
 Bradford Protein Quantitation Kit (Cat. No. K810-1000)
 Calyculin A (Cat. No. 1562-025)
 E-64 (Cat. No. 1739-5, 25)
 EZBlock™ Phosphatase Inhibitor Cocktail II (Cat. No. K275-1, set)
 EZBlock™ Phosphatase Inhibitor Cocktail III (Cat. No. K276-1, set)
 EZBlock™ Phosphatase Inhibitor Cocktail IV (Cat. No. K282-1, set)
 EZBlock™ Protease Inhibitor Cocktail II (Cat. No. K277- set)
 EZBlock™ Protease Inhibitor Cocktail III (Cat. No. K278- set)
 EZBlock™ Protease Inhibitor Cocktail IV (Cat. No. K279-1, set)
 EZBlock™ Protease Inhibitor Cocktail EDTA-Free (Cat. No. K272-1, 5, set)
 EZBlock™ Protease Inhibitor Cocktail V, EDTA-Free (Cat. No. K290-1, set)
 EZBlock™ Protease Inhibitor Cocktail VI, General Use (Cat. No. K291-1, set)
 EZBlock™ Protease Inhibitor Cocktail VII (Cat. No. K292-1, set)
 EZBlock™ Protease Inhibitor Cocktail VIII (Cat. No. K293-1, set)
 EZBlock™ Protease Inhibitor Cocktail IX (Cat. No. K294-1, set)
 EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail (Cat. No. K283-1, set)
 EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail, EDTA-Free (Cat. No. K284-1, set)
 EZLys™ Bacterial Protein Extraction Reagent (Cat. No. 8001-100, 500)
 EZLys™ Lysozyme, Human (Cat. No. 8005-1G, 5G)
 Okadaic Acid (Cat. No. 1543-025)
 Okadaic Acid, Ammonium Salt (Cat. No. 1766-025)
 Okadaic Acid, Potassium Salt (Cat. No. 1765-025)
 Okadaic Acid, Sodium Salt (Cat. No. 1764-025)
 Leupeptin, Hemisulfate (Cat. No. 1648-25, 50, 100)
 Pepstatin A (Cat. No. 1732-25, 100)
 Protease Inhibitor Cocktail (Cat. No. K271-500)
 PMSF (Cat. No. 1548-5)

FOR RESEARCH USE ONLY! Not to be used on humans.