

## EZBlock™ Phosphatase Inhibitor Cocktail I (50X)

rev.05/16

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

**FORM:** Liquid

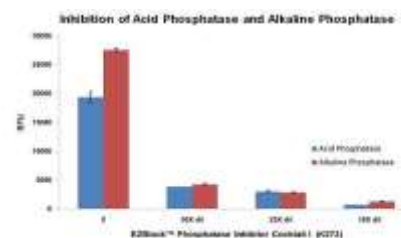
**STORAGE:** -20 °C. Hygroscopic

**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.**