

PRODUCT: EZBlock™ Phosphatase Inhibitor Cocktail I (50X)

CATALOG #: K273-1 1 ml
K273-1 EA 1 set (5 x 1 ml)

FORM: Liquid

STORAGE: Store at -20°C.

DESCRIPTION: A cocktail consisting of four phosphatase inhibitors useful for the inhibition of both serine/threonine and protein tyrosine phosphatases (PTPs). Each vial contains the four inhibitors in the concentrations outlined in the following table.

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

APPLICATION: For preserving the phosphorylation state of proteins during their extraction and isolation. Suitable for use with cell lysates and tissue extracts.

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

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

RELATED PRODUCTS:

AEBSF, HCl (**Cat. No. 1644-200, 1G**)
Aprotinin (**Cat. No. 4690-5, 100, 1000**)
Calyculin A (**Cat. No. 1562-025**)
BCA Protein Quantitation Kit (**Cat. No. K812-1000**)
Bradford Protein Quantitation Kit (**Cat. No. K810-1000**)
E-64 (**Cat. No. 1739-5, 25**)
EZBlock™ Phosphatase Inhibitor Cocktail II (**Cat. No. K275-1, 1EA**)
EZBlock™ Phosphatase Inhibitor Cocktail III (**Cat. No. K276-1, 1EA**)
EZBlock™ Phosphatase Inhibitor Cocktail IV (**Cat. No. K282-1, 1EA**)
EZLys™ Bacterial Protein Extraction Reagent (**Cat. No. 8001-100, 500**)
EZBlock™ Protease Inhibitor Cocktail EDTA-Free (**Cat. No. K272-1, 5, 1EA**)
EZBlock™ Protease Inhibitor Cocktail II (**Cat. No. K277-1EA**)
EZBlock™ Protease Inhibitor Cocktail III (**Cat. No. K278-1EA**)
EZBlock™ Protease Inhibitor Cocktail IV (**Cat. No. K279-1, 1EA**)
Leupeptin, Hemisulfate (**Cat. No. 1648-25, 50, 100**)
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**)
PMSF (**Cat. No. 1548-5**)
Pepstatin A (**Cat. No. 1732-25, 100**)
Protease Inhibitor Cocktail (**Cat. No. K271-500**)