

EZBlock™ Phosphatase Inhibitor Cocktail IV

CATALOG #: K282-1 1 ml
K282-1 EA 1 set (5 x 1 ml)

FORM: Liquid

STORAGE: Store at -20°C.

DESCRIPTION: A cocktail consisting of six phosphatase inhibitors useful for the inhibition of acid and alkaline phosphatases, Ser/Thr phosphatases as well as protein tyrosine phosphatases (PTPs). The cocktail contains the six inhibitors in the concentrations outlined in the following table.

Phosphatase Inhibitor	MW	Target Phosphatase	Concentration in the vial (100X)
β-Glycerophosphate	306.1	Ser/Thr Phosphatases	100 mM
Imidazole	68.1	Alkaline Phosphatases	200 mM
Sodium Fluoride	42.0	Acid Phosphatases and Ser/Thr phosphatases	100 mM
Sodium Molybdate	205.9	Acid Phosphatases	115 mM
Sodium Orthovanadate	183.9	Protein Tyrosine Phosphatase, Alkaline Phosphatase	100 mM
Sodium Tartrate, Dihydrate	230.1	Acid Phosphatases	400 mM

APPLICATION: For preserving the phosphorylation state of proteins during their extraction and isolation. Suitable for use with cell lysates and tissue extracts. *Recommended dilution:* 1:99.

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

RELATED PRODUCTS:

- AEBSF, HCl (**Cat. No. 1644-200, -1000**)
- 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 I (**Cat. No. K273-1ML, -1EA**)
- EZBlock™ Phosphatase Inhibitor Cocktail II (**Cat. No. K275-1ML, -1EA**)
- EZBlock™ Phosphatase Inhibitor Cocktail III (**Cat. No. K276-1ML, -1EA**)
- EZBlock™ Protease Inhibitor Cocktail EDTA-Free (**Cat. No. K272-1ML, -5ML, -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**)
- EZLys™ Bacterial Protein Extraction Reagent (**Cat. No. 8001-100, -500**)
- 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**)

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