

EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail

CATALOG #: K283-1 1 set
K283-1 EA 5 sets

FORM: 10X Liquid (in H₂O)

STORAGE: Store at -20°C.

DESCRIPTION: A broad spectrum Protease and Phosphatase Inhibitor cocktail. The cocktail solution contains the following eight inhibitors as well as EDTA, Disodium (0.5 M solution) which is provided in a separate vial.

Inhibitor	M.W.	Target Protease/Phosphatase
Aprotinin, Bovine Lung	6512	Serine proteases and esterases
Bestatin	308.4	Aminopeptidases
E-64	357.4	Cysteine proteases
Leupeptin Hemisulfate	475.6	Cysteine/Trypsin-like proteases
β-Glycerophosphate	306.1	Ser/Thr Phosphatases
Sodium Fluoride	42.0	Acid Phosphatases and Ser/Thr phosphatases
Sodium Orthovanadate	183.9	Protein Tyrosine Phosphatase, Alkaline Phosphatase
Sodium Pyrophosphate	446.1	Ser/Thr phosphatases
EDTA, Disodium	372.2	Metalloproteases

Set contents:

Cat. No.	Component #1	Component #2
K283-1	K283-1 (cocktail Solution, 1 x 1 ml)	K283-2 (EDTA Solution, 0.5 M, 1 x 1 ml)
K283-1EA	K283-1 (cocktail Solution, 5 x 1 ml)	K283-2 (EDTA Solution, 0.5 M, 1 x 5 ml)

APPLICATION: Useful for the protection of proteins from degradation during extraction and purification. Suitable for use with cell lysates and tissue extracts. *Recommended dilution:* 1:10

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. K273-1, -1EA**)
- 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**)
- 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**)
- EZBlock™ Protease and Phosphatase Inhibitor Cocktail, EDTA-Free (**Cat. No. K284-1, -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**)
- Nafamostat Mesylate (**Cat. No. 1760-10, -50**)
- 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.