

# EZBlock™ Protease Inhibitor Cocktail II

02/15

**CATALOG NO:** K277-set 5 x 1 vial

**FORM:** Lyophilized solid

**STORAGE:** -20 °C

**DESCRIPTION:** A cocktail of five broad specificity protease inhibitors (see table below) that can provide maximal protection to prevent degradation of proteins in cell/tissue extracts by inhibition of various serine, cysteine and metalloproteases.

**USE:** Reconstitution of each vial with 1 ml DI water provides a 100X stock solution. A dilution of 1:99 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.

Protease Inhibitor	M.W.	Target Protease	Concentration (1X)
AEBSF, HCl (Cat#1644)	239.7	Serine proteases	500 µM
Aprotinin (Cat#4690)	6512	Broad spectrum, serine proteases, esterases	150 nM
E-64 (Cat#1739)	357.4	Cysteine Proteases	1 µM
EDTA, Disodium	372.2	Metalloproteases	500 µM
Leupeptin (Cat#1648)	475.6	Serine/Cysteine proteases, Trypsin-like proteases	1 µM

## RELATED PRODUCTS:

AEBSF, HCl (Cat. No. 1644-200, 1G)

Aprotinin (Cat. No. 4690-5, 100, 1000)

Bestatin (Cat. No. 1733-25, -100)

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, set)

EZBlock™ Phosphatase Inhibitor Cocktail II (Cat. No. K275-1, set)

EZBlock™ Phosphatase Inhibitor Cocktail III (Cat. No. K276-1, set)

EZBlock™ Protease Inhibitor Cocktail III (Cat. No. K278-set)

EZBlock™ Protease Inhibitor Cocktail IV (Cat. No. K279-1, 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)

EZBlock™ Protease Inhibitor Cocktail V, EDTA-Free (Cat. No. K290-1, set)

EZLys™ Bacterial Protein Extraction Reagent (Cat. No. 8001-100, 500)

EZLys™ Lysozyme, Human (Cat. No. 8005-1G, 5G)

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.**