

**PRODUCT: EZBlock™ Protease Inhibitor Cocktail,
EDTA-Free**

CATALOG #: K272-1ML 1 ml
K272-5ML 5 ml
K272-1EA 1 set (5 x 1 ml)

LOT: _____

FORM: Liquid

STORAGE: Store at -20°C.

DESCRIPTION: A Protease Inhibitor cocktail consists of six protease inhibitors (see the table below) with broad specificity for the inhibition of serine, cysteine, aspartic proteases and aminopeptidases. This cocktail does not contain the metal chelator EDTA. Recommended for use with mammalian cell and tissue extracts as well as for bacterial extracts.

CONTENTS:

| Protease Inhibitor | Target Proteases | Concentration in the vial |
|------------------------|------------------|---------------------------|
| AEBSF, HCl | Serine | 100 mM |
| Aprotinin, bovine lung | Serine | 80 µM |
| Bestatin | Amino peptidases | 5 mM |
| E-64 | Cysteine | 1.5 mM |
| Leupeptin, Hemisulfate | Serine/Cysteine | 2 mM |
| Pepstatin A | Aspartic | 1 mM |

APPLICATION: One ml of the cocktail is recommended for use with 20 g tissue. A dilution of 1:200 is a good starting point and an optimal working concentration should be worked out for each individual application.

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

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

RELATED PRODUCTS:

- AEBSF, HCl (**Cat. No. 1644-200, 1 G**)
- Aprotinin, Bovine Lung (**Cat. No. 4690-5, 100, 1000**)
- PMSF (**Cat. No. 1548-5**)
- Protease Inhibitor Cocktail (**Cat. No. K271-500**)
- EZLys™ Bacterial Protein Extraction Reagent (**Cat. No. 8001-100, 500**)