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## EasySTOP™ Protease Inhibitor Cocktail Set I, EDTA-Free

**ALTERNATE NAME:** Protease Inhibitor (PI) Cocktail

**CATALOG #:** AUR50500

### Composition of Cocktail

Protease Inhibitor	Mol. Wt.	Concentration In the Vial	Target Protease
AEBSF hydrochloride	239.7	100 mM	Serine protease
Aprotinin	6512	80 µM	Broad-spectrum Serine proteases
Bestatin	308.4	5 mM	Aminopeptidases
E-64	357.4	1.5 mM	Serine/Cysteine proteases
Leupeptin Hemisulfate	493.61	2 mM	Serine/Cysteine proteases
Pepstatin A	685.9	1 mM	HIV proteases, Aspartic proteases, Acid proteases

**FORM:** Liquid

**STORAGE:** Store at -20°C; Protect from air and moisture

**DESCRIPTION:** EasySTOP™ Protease Inhibitor Cocktail Set I, EDTA-Free is a cocktail of six broad specificity protease inhibitors (see table above) that can provide maximal protection to prevent degradation of proteins in mammalian tissue extracts as well as both mammalian and bacterial cell extracts by inhibition of various serine, cysteine, aspartic proteases and aminopeptidases. This cocktail is EDTA-free making it broadly applicable for any downstream application that is affected by the presence of metal chelators.

**USE:** 1 ml cocktail is recommended for 20 g tissue. A dilution of 1:200 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