



938 South Andreasen Drive, Suite E
Escondido, CA 92029 USA

Phone: +1-760-738-1508
Fax: +1-760-738-1530
info@auroramedbiochem.com
www.auroramedbiochem.com

EasySTOP™ Protease Inhibitor Cocktail Set II, EDTA-Free

ALTERNATE NAME: Protease Inhibitor (PI) Cocktail

CATALOG #: AUR50520

Composition of Cocktail

Protease Inhibitor	Mol. Wt.	Concentration In the Vial	Target Protease
AEBSF hydrochloride	239.7	500 μ M	Serine protease
Aprotinin	6512	150 nM	Broad-spectrum Serine proteases
E-64	357.4	1 μ M	Serine/Cysteine proteases
Leupeptin Hemisulfate	493.61	1 μ M	Serine/Cysteine proteases

FORM: Lyophilized solid

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

DESCRIPTION: EasySTOP™ Protease Inhibitor Cocktail Set II, EDTA-Free is a cocktail of four protease inhibitors (see the table above) that have been optimized for the inhibition of serine and cysteine but not metalloproteases. Since this cocktail does not contain any EDTA, metal-dependent proteins and IMAC (immobilized metal affinity chromatography) isolation techniques (e.g. for poly-His-tagged proteins) are not affected. Reconstitute each vial with 1 ml D.I water to obtain a 100X concentrated stock solution.

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