ALPHA DIAGNOSTIC INTERNATIONAL

Protease Inhibitor Cocktail

Cat. No. PRI51-1 **Size:** 1 ml **Store:** -20oC or below

This protease inhibitor cocktail set is a specially formulated cocktail of six protease inhibitors with broad specificity for the inhibition of aspartic, cysteine, and serine proteases as well as aminopeptidases. This cocktail is recommended for use with mammalian cells and tissue extracts.

Storage: Freezer (-20°C). The product is stable for 1 year as supplied.

This product is provided in 1 ml (100X stock). Each vial contains 1 ml of protease inhibitor cocktail solubilized in a DMSO solution (DMSO with a small amount of water) with the following components:

Product	Mol. Wt.	Concentration	Target Protease
AEBSF, Hydrochloride 1	239.5	100 mM	Serine Proteases
Aprotinin, Bovine Lung,	6512	80 uM	Broad Spectrum, Serine Proteases
Bestatin	308.4	5 mM	Aminopeptidase B and Leucine Aminopeptidase
E-64, Protease Inhibitor	357.4	1.5 mM	Cysteine Proteases
Leupeptin, Hemisulfate	475.6	2 mM	Cysteine Proteases and Trypsin-like Proteases
Pepstatin	685.9	1 mM	Aspartic Proteases

Suggested uses: Add 1 ul/100 ul of cell/tissue buffer immediately before use. Amount of protease inhibitors can be increased if high degree of proteases are present in a given tissue or cell or if proteolysis is observed at usual concentration.

FOR RESEARCH USE ONLY. NOT FOR HUMAN OR DRUG USE.

PRI51-1 90605A

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