

TECHNICAL DATA SHEET

PROTEASE INHIBITOR COCKTAIL - FOR GENERAL USE (PIC-1 General Use)

CAT #: A-0013

Note: Shipping Condition May Differ From Storage Condition.

Size: 1 vial

Description: PIC-1 General Use, is a specially formulated protease inhibitor cocktail containing five-protease inhibitors with specificity for the inhibition of serine, cysteine, aspartic proteases and aminopeptidases. PIC-1 is recommended for general use. It is provided as a convenient ready-to-use lyophilized form. Just add 1 ml of distilled or deionized water to the vial and mix gently. Aliquot into multiple tubes and store at –20°C. Multiple freeze-thaw cycles is not recommended. When stored this way, the reconstituted cocktail has a shelf life of about 2 weeks. 1ml of cocktail is sufficient for 100 ml of your sample buffer.

The cocktail contains:

Name	MW	1ml	Working	Target protease
AEBSF, HCL	239.5	500µM	5µM	Serine Proteases
Aprotinin, Bovine lung, Crystalline	6512.0	150nM	1.5nM	Broad spectrum, Serine Proteases
E-64	357.4	1µM	0.01µM	Cysteine Proteases
Leupeptin, Hemisulfate	475.6	1µM	0.01mM	Cysteine Proteases and Trypsin-like Proteases
EDTA	372.2	500µM	5µM	Aspartic Proteases

Form: Lyophilized

Preparation: Cocktail makes 1 ml of 100X Concentrate

Storage: Store at –20°C. Aliquot and store at –20°C after reconstituting.