

TECHNICAL DATA SHEET

PROTEASE INHIBITOR COCKTAIL - EDTA Free (PIC-4)

CAT #: A-0016-100

Note: Shipping Condition May Differ From Storage Condition.

Size: 1 vial

Description: PIC-4 is a specially formulated protease inhibitor cocktail containing four-protease inhibitors with specificity for the inhibition of serine, cysteine, but not all metalloproteases. 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 are 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	Target protease
AEBSF, HCL	239.5	500 μM	Serine Proteases
Aprotinin, Bovine lung, Crystalline	6512.0	150nM	Broad spectrum, Serine Proteases
E-64	357.4	1 μM	Cysteine Proteases
Leupeptin	493.6	1 μM	Cysteine Proteases and Trypsin-like Proteases

Form: Lyophilized

Preparation: Cocktail makes 1 ml of 100X Concentrate

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