



**ZmTech Scientific**: Innovation and Development of Laboratory Accessories and Bio-Technologies

**® •ZmTech Protease Inhibitors Kit (Cat. I208051)**

Stored at -20°C

The cocktail (250ul 40x) and enhancers (100ul 40x) supplied in DMSO, reconstituted with 10 ml Lysis buffer to obtain a 1X working solution.

**Contain:**

AEBSF (Serine): 40mM + Aprotinin (Serine): 40ug/ml + Bestatin (aminopeptidase): 2mM + E64 (Cysteine): 4mM + Leupeptin (Cysteine and Trypsin-like): 4mM + Pepstatin A (Aspartic): 40uM

Solution for inhibiting the wide range of protease of aspartic, cysteine, serine, aminopeptidases and metalloproteases etc, available with and without EDTA (100mM)

**® •ZmTech Phosphatase Inhibitors Kit (Cat. I208052)**

Stored at -20°C

The cocktail (250ul 40x) and enhancers (100ul 40x) supplied in DMSO, reconstituted with 10 ml Lysis buffer to obtain a 1X working solution.

**Contain:**

AEBSF (Serine): 10mM + Aprotinin (Serine): 40ug/ml + E64 (Cysteine): 10mM + Leupeptin (Cysteine and Trypsin-like): 400uM + Pepstatin A (Aspartic): 40uM + Sodium fluoride (Acid): 40mM + Sodium Orthovanadate (alkaline and tyrosine: PTPs): 80mM + sodium pyrophosphate (Ser/Thr): 10mM

Solution for inhibiting Phosphatase of both serine/threonine (Ser/Thr) and protein tyrosine phosphatases (PTPs) as well as inhibiting the broad protease of aspartic, cysteine, serine

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Prepare 1x working reagents prior to performing protein extraction procedure:

	Add the cocktail (250ul 40x)	Add the inhibitor enhancers (100ul 40x)
For 1 mL Lysis Buffer	25ul	10ul
For 2 mL Lysis Buffer	50ul	20ul
For 5 mL Lysis Buffer	125ul	50ul
For 10 mL Lysis Buffer	250ul	100ul

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