

FUJIFILM**Wako**Code No. 162-28231 (1 mL)
168-28233 (1 mL × 5)**Protease Inhibitor Cocktail Set III DMSO Solution,
Animal-derived-free (EDTA free) (×100)
プロテアーゼ阻害剤カクテル セットⅢ・DMSO溶液,
動物由来物フリー(EDTA不含)(×100)**

This protease inhibitor cocktail is used for extraction of lysates from mammalian cells/tissues and bacterial cells using immobilized metal ion affinity chromatography.

It is the ready-to-use cocktail contains six protease inhibitors in DMSO with broad specificity for aspartic, cysteine, serine proteases and aminopeptidases.

Aprotinin included in this product is an animal free recombinant protein.

Appearance : DMSO solution**Usage :** 1 vial (1 mL) of this product is sufficient for about 20 g (wet weight) tissue.

This cocktail set is supplied as 100 × stock solution. Dilute to 1 × solution with appropriate solution or sample solution before use.

※Precaution

Since not all organisms contain the same level of endogenous proteases, it may sometimes be necessary to increase the concentration of inhibitors.

Contents (as 100 × stock solution) :

Inhibitor	M. W.	Concentration	Inhibition Target
AEBSF Hydrochloride	239.69	100 mmol/L	Serine Proteases
Aprotinin, recombinant	—	80 μmol/L	Serine Proteases and Esterases
E-64	357.41	1.5 mmol/L	Cysteine Proteases
Leupeptin Hemisulfate	475.59	2 mmol/L	Cysteine Proteases and Trypsin-like Proteases
Bestatin	308.37	5 mmol/L	Aminopeptidase B and Leucine Aminopeptidase
Pepstatin A	685.89	1 mmol/L	Aspartic Proteases

【Expiration date】 Indicated on the label.**【Storage】** Store at -20°C.
Avoid freeze-thaw cycles.**【Package】**

Code No.	Packaging
162-28231	1 mL
168-28233	1 mL × 5

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