

FUJIFILM**Wako**Code No. 164-28671 (1 mL)
160-28673 (1 mL × 5)**Protease Inhibitor Cocktail Set IV DMSO
Solution (for Fungal and Yeast) (×100)**
**プロテアーゼ阻害剤カクテル セットⅣ・
DMSO溶液(カビ・酵母用)(×100)**

This protease inhibitor cocktail is used for extraction of lysates from fungal and yeast.

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

The concentration of each protease inhibitors is optimized to fungal and yeast using.

Appearance : DMSO solution

Usage : 1 vial (1 mL) of this product is sufficient for about 20 g (wet weight) of yeast.

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
E-64	357.41	1.5 mmol/L	Cysteine Proteases
Pepstatin A	685.89	2 mmol/L	Aspartic Proteases
1,10-Phenanthroline, Hydrate	198.22	500 mmol/L	Metalloproteases

[Expiration date] Indicated on the label.

[Storage] Store at -20°C.
Avoid freeze-thaw cycles.

[Package]

Code No.	Packaging
164-28671	1 mL
160-28673	1 mL × 5

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