

101Bio Protease Inhibitor Cocktail (100x)

Cat. #: W2200 (1 ml)

Shipping and Storage: Ship at 2-8°C. Store at -20°C

Shelf Life: 12 months

Product Description:

Protease Inhibitor Cocktail for the use in protein extraction, as a component of lysis buffer (such as lysis buffers in our P501, P502 or P503 kits: http://www.101bio.com/protein_extraction.php). This product is for research use only.

Product Contents (store at 2-8°C)

Component	Amount
101Bio Protease Inhibitor Cocktail (100x)	1 ml

Appearance (Form): Clear Solution

Appearance (Colour): Colorless to Faint Yellow

Suitability Test: Pass

Note:

1. If inhaled, swallowed or absorbed through the skin, protease inhibitors can severely damage the respiratory mucosa, eyes and skin, maybe lethal if the volume is big.
2. Wear lab coat and gloves when handling.

Protocol:

Pre-cool the protein extraction reagents on ice. Add the Protease Inhibitor Cocktail to the protein lysis buffer(s) at a ratio of 1:99. (For example, add 10 µl Protease Inhibitor Cocktail to 990 µl extraction reagent) to 1× working extraction buffer(s).

101Bio warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use.

Related products

Cat.#	Kit Name	Application	Protein Status	Minute
P501	Total protein kit	cells → total protein	denatured / native	1 ~ 8
P502	Total protein kit	tissues → total protein	denatured / native	1 ~ 8
P503	Membrane protein kit	cells / tissues → membrane protein	native , detergent-free	20 ~ 45
P504	Nuclear protein kit	cells / tissues → nuclear & cytosol protein	native	6 ~ 8
P505	Detergent-free kit	cells → total protein	denatured / native	5 ~ 8
P506	Detergent-free kit	Tissues → total protein	denatured / native	5 ~ 8
P507	Mitochondria kit	cells / tissues → mitochondria	native, detergent-free	25 ~ 30
P508	Plant total protein	plant tissues → total protein	denatured/native	5 ~ 8
P510	Plant detergent-free	plant tissues → total protein	native	6 ~ 8
P511	Plant chloroplast kit	plant tissues → intact chloroplast		5
P518	Plant Microsomal Membrane	plant tissues → microsomal membrane	native	1 hr
P512	Bacteria total protein	bacteria → total protein	denatured	2 ~ 3
P513	Nuclear envelope kit	cells → nuclear envelope	native	< 45
P514	Histone/DNA binding protein	cells → histone & dna binding protein	denatured	< 10
P515	Thick cell wall microbes	microbes → total protein	denatured / native	< 10
P516	Detergent-free thick cell wall	microbes → total protein	denatured / native	10
P517	Yeast Mitochondria	yeast → mitochondria	native	60
P518	Plant Microsomal Membrane	plant → microsomal membrane	native	60
P519	Gel slice recovery kit	PAGE gel → protein	denatured / native	10 ~ 20
P521	Hair & nail protein kit	hair, nail → protein	denatured	5 min. hands on
P522	Adipose protein kit	adipose → total protein	denatured / native	20
P523	Adipose fractionation	adipose → water soluble/insoluble protein	native	40

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