

Protease Inhibitor Cocktail Tablets, EDTA-Free antibody

Applications	Source	Concentration	Mol.Wt. (Da)
A61202	<p>The Protease Inhibitor Tablets is used for the inhibition of serine, cysteine, and metalloproteases in bacterial, mammalian, yeast, and plant cell extracts. The Protease Inhibitor Tablets contains both reversible and irreversible protease inhibitors. Therefore, we recommend the addition of the Protease Inhibitor Tablets to all stock buffers and solutions normally protected with protease inhibitors, and not just during the initial purification steps. The Protease Inhibitor Tablets contains EDTA (Product No.A61204, 1 tablet yields a 1mM EDTA solution in 50ml). Therefore, the extraction buffer should not contain divalent cations like Ca²⁺, Mg²⁺, or Mn²⁺, otherwise the inhibition of the metalloproteases might be incomplete. If the protein of interest will be purified by IMAC (Immobilized Metal Affinity Chromatography), for example, Poly-His-tagged recombinant proteins, EDTA has to be eliminated (e.g., by dialysis) prior to the chromatography. Alternatively, The product Protease Inhibitor Tablets, EDTA-free(Product No.A61202), can be used. These tablets(Product No.A61202) are identical to the Protease Inhibitor Tablets (A61204), with the exception that no EDTA or other chelating agent is present. The Protease Inhibitor Tablets inhibit proteolytic activity in large extraction volumes (up to 50 ml).</p>		
Reactivity			
Dilution			
Storage	The tablets are stable at +2 to +8°C, stored dry, until expiration date.		
Specificity			
Source / Purification			
Immunogen			
Uniprot No			
Alternative names			
Form			
Clonality			
Isotype			
Conjugation			
Background			
Other	<p>Handling: Carefully push the tablet through the foil packaging using the base of your thumb (not finger nail) to prevent the breakage of tablets.</p> <p>Preparation of Working Solution: One tablet is sufficient for the inhibition of the proteolytic activity in 50ml extraction solution. When a very high proteolytic activity is present, one tablet should be used for 25ml extraction buffer. Tablets can be added directly to the extraction medium. Alternatively, a stock solution (25 X conc.) can be prepared. Preparation of Stock solution (25 X conc.): Dissolve one tablet in 2ml dist. water or in 2ml 100mM phosphate buffer, pH 7.0. Note: Solution may be slightly hazy when tablet is dissolved. Storage conditions (working solution): The stock solution can be stored at 2 to 8°C for 1 to 2 weeks, or at least 12 weeks at -15 to -25°C.</p>		

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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