

General Acidic Protease Assay Kit

Acidic Protease Microplate Assay Kit

CATALOG # AAA261579	REACTIVITY General	APPLICATIONS Functional Assay
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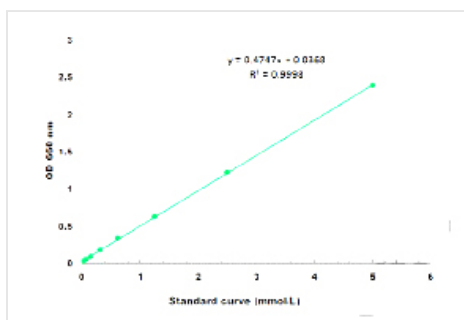
PRODUCT SYNONYMS

Acidic Protease; Acidic Protease Microplate Assay Kit; Acidic Protease assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	372
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.05 mmol/L - 5 mmol/L
Applicable Applications for Acidic Protease assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Acidic Protease assay kit	Background/Introduction: Acidic protease (ACP) can act on interior bond -C-NH- to hydrolyze the proteins of vegetable and animal in acid environment to form small peptides and amino acids. The addition of this product to the processing of alcohol and distilled spirit can promote the growth of yeast to accelerate fermentation speed and improve alcohol productivity. In feedstuff industry, this product can be used as an additive by combined with other enzymes (such as cellulase, pectinase and beta-glucanase, etc) for the preparation of complex feedstuff enzymes. It can further improve the nutrition value of feedstuff to accelerate the growth and increase the weight of livestock and poultry. The assay is initiated with the enzymatic catalysis of casein by ACP in acid environment. The enzyme catalysed reaction products can be measured at a colorimetric readout at 660 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281372505
Molecular Weight	39,349 Da

NCBI Official Full Name	acidic protease, partial
UniProt Protein Name	Acidic protease
UniProt Entry Name	D2KI51_SACFI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/general-assay-kits/acidic-protease/261579>