

General Neutral Protease Assay Kit | npr assay kit

Neutral Protease Microplate Assay Kit

CATALOG # AAA261566	REACTIVITY General	APPLICATIONS Functional Assay
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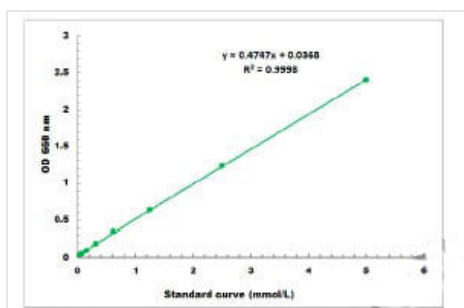
PRODUCT SYNONYMS

Neutral Protease; Neutral Protease Microplate Assay Kit; npr assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	566
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 npr 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 npr assay kit

Background/Introduction: Neutral Protease is frequently used as a secondary enzyme in conjunction with collagenase and/or other proteases in many primary cell isolation and tissue dissociation applications. Neutral Protease dissociates fibroblast-like cells more efficiently than epithelial-like cells so it has also been used for differential isolation and culture applications. Other advantages are its non-mammalian (bacterial) source and its ability to be inhibited by EDTA. The assay is initiated with the enzymatic catalysis of casein by NP in neutral environment. The enzyme catalysed reaction products can be measured at a colorimetric readout at 660 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	143243
Molecular Weight	60,919 Da
NCBI Official Full Name	neutral protease
UniProt Protein Name	Bacillolysin

UniProt Gene Name	npr
UniProt Synonym Gene Names	nprC
UniProt Entry Name	NPRE_BACCE

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://stage.aaabiotech.com/general-assay-kits/neutral-protease/261566>