

General endo-beta-Mannanase Assay Kit

endo-beta-Mannanase Microplate Assay Kit

CATALOG # AAA263957	REACTIVITY General	APPLICATIONS Functional Assay
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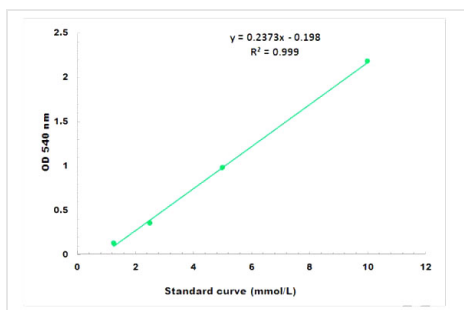
PRODUCT SYNONYMS

endo-beta-Mannanase; endo-beta-Mannanase Microplate Assay Kit; EC 3.2.1.78; endo-1; 4-beta-mannanase; endo-beta-1; 4-mannase; beta-mannanase B; beta-1; 4-mannan 4-mannanohydrolase; endo-beta-mannanase; beta-D-mannanase; 1; 4-beta-D-mannan mannanohydrolase; endo-beta-Mannanase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	381
Samples	Tissue extracts, Cell lysate, Other biological fluids Samples
Applicable Applications for endo-beta-Mannanase assay kit	FA (Functional Assay)
Preparation and Storage	Store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for endo-beta-Mannanase assay kit	Background: endo-beta-Mannanase (EC 3.2.1.78), also known as Mannan endo-1,4-beta-mannosidase, is an enzyme with systematic name 4-beta-D-mannan mannanohydrolase. This enzyme catalyses the following chemical reaction: Hydrolysis of (1->4)-beta-D-mannosidic linkages in mannans, galactomannans and glucomannans. This cleavage occurs at random internal sites within the chain. endo-beta-Mannanase Microplate Assay Kit is a sensitive assay for determining endo-beta-Mannanase activity in various samples. endo-beta-Mannanase hydrolyzes the mannan to generate mannose. Mannose react with 3,5-dinitrosalicylic acid to generate red-brown substance. The color intensity, measured at 540 nm, is proportionate to the enzyme activity in the sample. Principle of the Assay: 1 mmol/L - 10 mmol/L
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NCBI AND UNIPROT INFORMATION

NCBI GI #	595619528
NCBI Official Full Name	endo-beta-mannanase

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/endo-beta-mannanase/263957>