

General Neutral Invertase Assay Kit | Sta7437_4400 assay kit

Neutral Invertase Microplate Assay Kit

CATALOG # AAA261561	REACTIVITY General	APPLICATIONS Functional Assay
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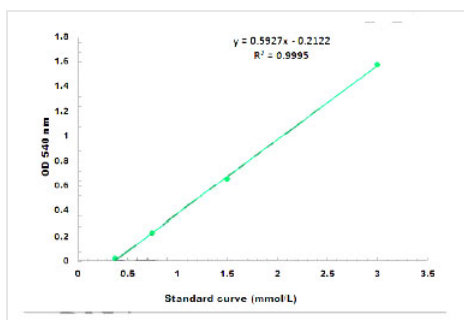
PRODUCT SYNONYMS

Neutral Invertase; Neutral Invertase Microplate Assay Kit; EC 3.2.1.26; Beta-fructofuranosidase; Beta-fructosidase; Invertase; Saccharase; Sta7437_4400 assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	462
Samples	Tissue extracts, cell lysate samples
Detection Range	0.3 mmol/L - 3 mmol/L
Applicable Applications for Sta7437_4400 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 Sta7437_4400 assay kit	Background/Introduction: Invertase, also known as sucrase or beta-fructofuranosidase, catalyzes the hydrolysis of sucrose by cleaving its glycosidic bond and forming one molecule each of glucose and fructose. According to the optimum pH, invertase is divided into acid invertase (AI) and neutral invertase (NI). NI mainly exists in the cytoplasm, responsible for the decomposition of sucrose to fructose and glucose in the cytoplasm. NI hydrolyzes the sucrose to generate reducing sugar. The reducing sugar reduces the 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	428271928
Molecular Weight	53,412 Da
NCBI Official Full Name	neutral invertase

UniProt Protein Name	Neutral invertase
UniProt Gene Name	Sta7437_4400
UniProt Entry Name	K9Y0N6_STAC7

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-invertase/261561>