

General Trehalase Assay Kit | TREH assay kit

Trehalase Assay Kit

CATALOG # AAA17851	REACTIVITY General	APPLICATIONS Functional Assay
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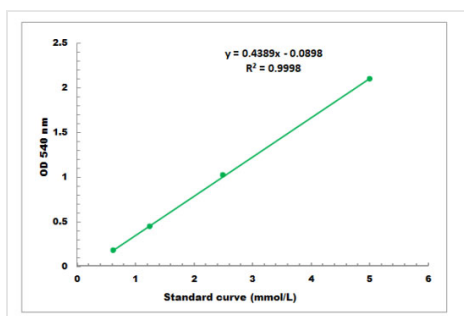
PRODUCT SYNONYMS

Trehalase; Trehalase Assay Kit; TREH assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	583
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.5 mmol/L - 5 mmol/L
Applicable Applications for TREH 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 TREH assay kit

Background: Trehalase is a glycoside hydrolase enzyme that catalyzes the conversion of trehalose to glucose. It is found in most animals. It has been reported that more than 90% of total AT activity in *S. cerevisiae* is extracellular and cleaves extracellular trehalose into glucose in the periplasmic space. Trehalase Microplate Assay Kit provides a simple and direct procedure for measuring trehalase activity in a variety of samples. This assay is initiated with the enzymatic hydrolysis of the trehalose by trehalase. The enzyme catalysed reaction products react with 3,5-dinitrosalicylic acid, and can be measured at a colorimetric readout at 540 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116284412
NCBI GeneID	11181
NCBI Accession #	NP_009111.2

NCBI GenBank Nucleotide #	NM_007180.2
Molecular Weight	62,941 Da
NCBI Official Full Name	trehalase isoform 1
NCBI Official Synonym Full Names	trehalase (brush-border membrane glycoprotein)
NCBI Official Symbol	TREH
NCBI Official Synonym Symbols	TRE; TREA
NCBI Protein Information	trehalase; alpha,alpha-trehalose glucohydrolase
UniProt Protein Name	Trehalase
UniProt Gene Name	TREH
UniProt Synonym Gene Names	TREA
UniProt Entry Name	TREA_HUMAN

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/trehalase/17851>