

General Trehalose Assay Kit

Trehalose Microplate Assay Kit

CATALOG # AAA27853	REACTIVITY General	APPLICATIONS Functional Assay
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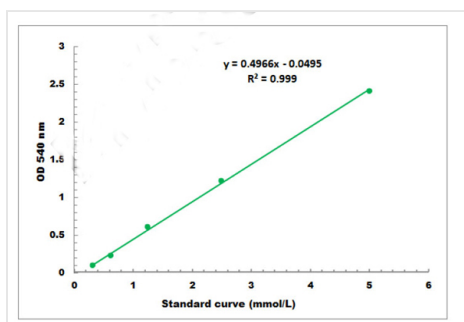
PRODUCT SYNONYMS

Trehalose; Trehalose Microplate Assay Kit; mycose; tremalose; Trehalose assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	625
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 Trehalose 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 Trehalose assay kit	Background: Trehalose is a naturally occurring disaccharide containing two glucose molecules bound in an alpha,alpha-1,1 linkage. This structure results in a chemically stable, non-reducing sugar with many important functional characteristics. Trehalose is commonly found in nature, provides a source of energy, and has been shown to be a primary factor in stabilising organisms during times of freezing, drying and heating. Trehalose Microplate Assay Kit provides a simple and direct procedure for measuring trehalose content in a variety of samples. The enzyme catalysed reaction products react with 3,5-dinitrosalicylic acid, and can be measured at a colorimetric readout at 540 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	971510891
NCBI Official Full Name	trehalose

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/trehalose/27853>