

Trehalose Assay Kit

Trehalose Colorimetric Assay Kit

CATALOG #
AAA179714

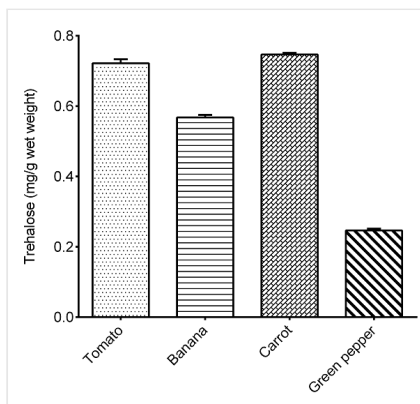
PRODUCT SYNONYMS

Trehalose; Trehalose Colorimetric Assay Kit; Trehalose assay kit

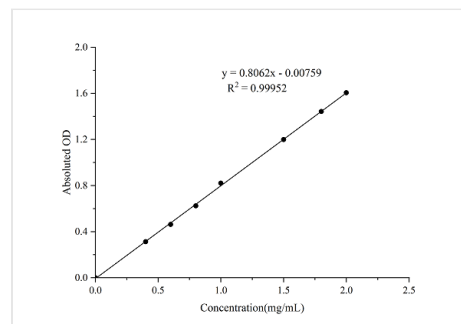
PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Quantitative
Samples	serum, plasma, tissue, cell
Detection Range	0.05–1.9mg/mL
Sensitivity	0.05mg/mL
Precision	Intra-assay CV: 2.1-4.0% Inter-assay CV: 4.5-5.6%
Detection Instrument	Microplate reader
Preparation and Storage	This product can be stored at 2~8 degree C/-20 degree C for 12 months . Please refer to the manual for the specific storage condition of the components.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for Trehalose assay kit

Trehalose is found in a large number of organisms, including bacteria, algae, yeast, plants, insects, and other invertebrates. Because trehalose has unique biological characteristics different from other carbohydrates, it can protect the protein, lipid, carbohydrate, nucleic acid and other components of biological cells from damage under the harsh environment such as drought, high temperature, dehydration, freezing, high osmotic pressure and toxic substances. The determination method was a highly specific enzyme method, trehalase was used to hydrolyze trehalose into 2 molecules of glucose, and then the glucose content was detected by GOD-POD method. Other disaccharides such as maltose and lactose did not interfere with the determination.

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/assay-kits/trehalose/179714>