

## General Trehalose Assay Kit

Trehalose Microplate Assay Kit

|                              |                              |                                         |
|------------------------------|------------------------------|-----------------------------------------|
| CATALOG #<br><b>AAA27853</b> | REACTIVITY<br><b>General</b> | APPLICATIONS<br><b>Functional Assay</b> |
|------------------------------|------------------------------|-----------------------------------------|

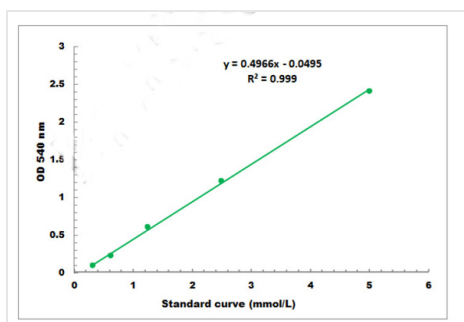
### PRODUCT SYNONYMS

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

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| 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://www.aaabiotech.com/general-assay-kits/trehalose/27853>