

Sucrose Assay Kit

Sucrose (Plant) Microplate Assay Kit

CATALOG #
AAA261591

APPLICATIONS
Functional Assay

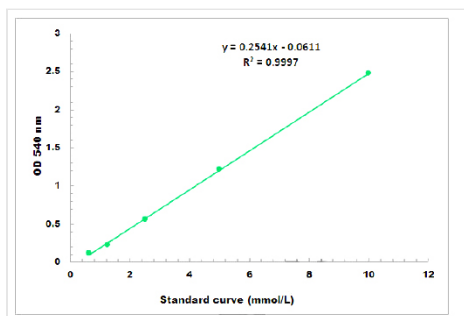
PRODUCT SYNONYMS

Sucrose; Sucrose (Plant) Microplate Assay Kit; Sugar; Saccharose; alpha-D-glucopyranosyl-(1-2)-beta-D-fructofuranoside; Sucrose assay kit

PRODUCT SPECIFICATIONS

Sequence Length	292
Samples	Tissue extracts, Cell lysate Samples
Detection Range	0.5 mmol/L - 10 mmol/L
Applicable Applications for Sucrose 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
Sucrose assay kit

Background: Sucrose (C₁₂H₂₂O₁₁) is a disaccharide of glucose and fructose with an alpha-1,2-glycosidic linkage. It is the most common food sweetener and the most important sugar in plants. Sucrose Microplate Assay Kit provides a convenient means to measure sucrose concentration in biological samples. In the assay, sucrase cleaves sucrose, resulting in the formation of fructose and glucose. The enzyme catalysed reaction products can be measured at a colorimetric readout at 540 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	983501555
NCBI Accession #	WP_060654687.1
NCBI GenBank Nucleotide #	WP_060654687.1

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.

