

General Sucrose Synthase Assay Kit | SS16 assay kit

Sucrose Synthase Microplate Assay Kit

CATALOG # AAA27839	REACTIVITY General	APPLICATIONS Functional Assay
------------------------------	------------------------------	---

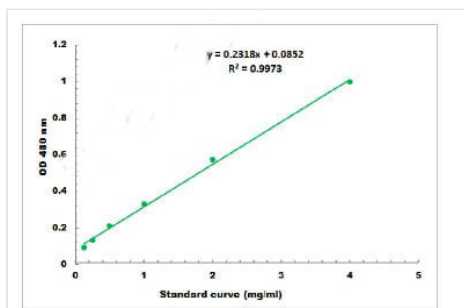
PRODUCT SYNONYMS

Sucrose Synthase; Sucrose Synthase Microplate Assay Kit; EC 2.4.1.13; Sucrose synthase; SUS; Sucrose synthetase; Sucrose-UDP glucosyltransferase; Sucrose-uridine diphosphate glucosyltransferase; UDP-glucose-fructose glucosyltransferase; Uridine diphosphoglucose-fructose glucosyltransferase; SS16 assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	805
Samples	Tissue extracts, cell lysate samples
Detection Range	100 ug/ml - 4000 ug/ml
Applicable Applications for SS16 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 SS16 assay kit

Background/Introduction: Sucrose synthase (SUS; EC 2.4.1.13) plays important roles in sugar metabolism and abiotic stress response. SUS catalyze the synthesis of free fructose and glucose in plants. SUS catalyze the UDPG reaction of free fructose and glucose to generate sucrose, and then react with resorcinol present a color change, have acharacteristic absorption peak at 480nm. The intensity of the product color, measured at 480 nm, is proportionate to the enzyme activity in the sample.

NCBI AND UNIPROT INFORMATION

NCBI GI #	568214836
NCBI GeneID	102577594
NCBI Accession #	NP_001275286.1
NCBI GenBank Nucleotide #	NM_001288357.1

Molecular Weight	92,416 Da
NCBI Official Full Name	sucrose synthase
NCBI Official Symbol	SS16
NCBI Official Synonym Symbols	sus4
NCBI Protein Information	sucrose synthase
UniProt Protein Name	Sucrose synthase
UniProt Entry Name	SUS1_SOLTU

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/general-assay-kits/sucrose-synthase/27839>