

Sucrose Synthase-I (SS-I) Assay Kit | SS-I assay kit

Micro Sucrose Synthase-I (SS-I) Activity Assay Kit

CATALOG #
AAA332714

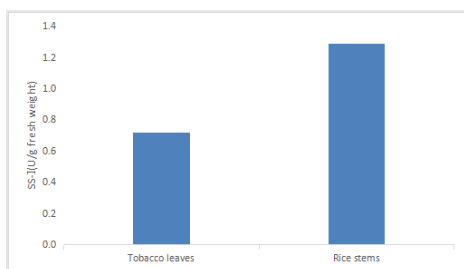
PRODUCT SYNONYMS

Sucrose Synthase-I (SS-I); Micro Sucrose Synthase-I (SS-I) Activity Assay Kit; SS-I assay kit

PRODUCT SPECIFICATIONS

Samples	Plant tissues
Kit Components	Extraction Buffer Reagent I Reagent II Reagent III Reagent IV Standard
Features & Benefits	The verified samples are complete in type and easy to operate.
Usage Notes	If not assayed immediately, samples can be stored at -80 degree C for one month. It is recommended to perform several dilutions of your sample to ensure the readings are within the standard value range. Fresh samples are necessary for good results. If don't perform the assay at the same time, it's better to complete the Sample Preparation step before storing the samples.
Preparation and Storage	Storage at -20 degree C and Keep from light immediately upon receipt. Kit has a storage time of 6 months from receipt. Refer to list of materials supplied for storage conditions of individual components. Shipping: Gel pack with blue ice.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for SS-I assay kit

Sucrose is the primary form in which photosynthetic products from sources (such as leaves) are transported to "sink" organs. Sucrose synthase (EC 2.4.1.13) is a reversible enzyme that can catalyze both the synthesis and breakdown of sucrose, making it a key enzyme in sucrose metabolism. Studying the activity of its invertase direction (SS-I) is significant for understanding plant sucrose degradation and starch synthesis. Micro Sucrose Synthase-I (SS-I) Activity Assay Kit offers a simple, convenient, and rapid approach for detecting sucrose synthase (SS-I) activity, suitable for plant tissue samples. The principle of the kit involves SS-I catalyzing the reaction between sucrose and UDP to produce free fructose and UDPG; the content of reducing sugars is then measured using the 3,5-dinitrosalicylic acid method to reflect the level of enzyme activity

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://www.aaabiotech.com/assay-kits/sucrose-synthase-i-ss-i/332714>