

Starch Branching Enzyme (SBE) Activity Assay Kit | SBE assay kit

Starch Branching Enzyme (SBE) Activity Colorimetric Assay Kit

CATALOG #
AAA332516

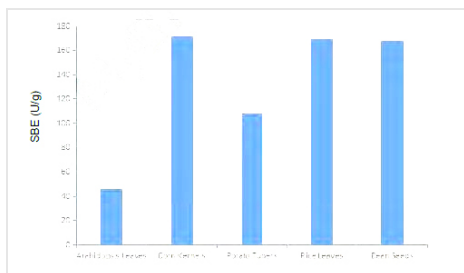
PRODUCT SYNONYMS

Starch Branching Enzyme (SBE) Activity; Starch Branching Enzyme (SBE) Activity Colorimetric Assay Kit; Starch Branching Enzyme Activity; SBE; SBE assay kit

PRODUCT SPECIFICATIONS

Samples	Plant Tissues, Bacteria
Preparation and Storage	Store at 4 degree C and protect from light upon receipt. Kit has a storage time of 12 months form receipt. Shipping Blue ice

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SBE assay kit	Principle of the Assay: Starch Branching Enzyme (SBE, EC 2.4.1.18) mainly exists in plants. It is a key enzyme involved in the synthesis of amylopectin and catalyzes the transformation of amylose into amylopectin. The determination of starch branching enzyme (SBE) activity is of great significance in the study of starch biosynthesis, selection of high-quality crop varieties and quality genetic improvement. CheKine™ Micro Starch Branching Enzyme (SBE) Activity Assay Kit provides a convenient tool for detection of SBE Activity. The principle is that the combination of amylose and iodine has a maximum absorption peak detected at 660 nm. SBE reduces the content of amylose, thereby reducing the absorption value at 660 nm, which can reflect the activity of SBE. The enzyme activity of SBE was calculated by detecting the percentage decrease in absorbance within a certain period of time.
Product Categories/Family for SBE assay kit	Biochemical Assay Kit; Cell Metabolism; Cytology

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/starch-branching-enzyme-sbe-activity/332516>