

Succinyl-CoA Synthetase (SCS) Assay Kit | SCS assay kit

Succinyl-CoA Synthetase (SCS) Activity Assay Kit

CATALOG #
AAA179665

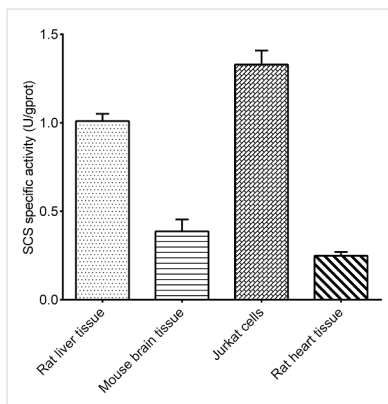
PRODUCT SYNONYMS

Succinyl-CoA Synthetase (SCS); Succinyl-CoA Synthetase (SCS) Activity Assay Kit; SCS assay kit

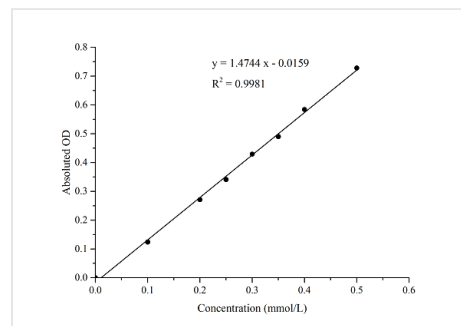
PRODUCT SPECIFICATIONS

Assay Type	Enzyme Activity
Samples	tissue, cell
Detection Range	0.09-20.72 U/L
Sensitivity	0.09 U/L
Detection Type	Colorimetric method
Detection Instrument	Microplate reader
Precision	Inter CV: 4.9-10.3% Intra CV: 2.5-8.0%
Research Area	Tricarboxylic Acid (TCA) Cycle, Glycolysis and Lipid Metabolism
Test Principle	Succinyl-CoA synthetase (SCS) is a key enzyme in the citric acid cycle and an important metabolic intermediate in the biosynthesis of porphyrins, hemes, and ketones. SCS converts succinyl-coenzyme A (CoA-SH) to succinic acid. The reaction between CoA-SH and pyruvate produces chromogenic substances with a characteristic absorption peak at 450 nm. The activity of SCS can be calculated by measuring the change of absorbance value at 450 nm.
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light. Shipping: Ice bag

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for SCS assay kit	Cell Metabolism Assays; Glycolysis and Lipid Metabolism; Tricarboxylic Acid (TCA) Cycle
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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/succinyl-coa-synthetase-scs/179665>