

Succinate Dehydrogenase (SDH) Assay Kit | SDH assay kit

Succinate Dehydrogenase (SDH) Activity Assay Kit

CATALOG #
AAA178101

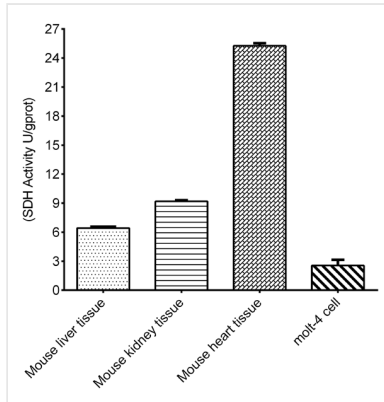
PRODUCT SYNONYMS

Succinate Dehydrogenase (SDH); Succinate Dehydrogenase (SDH) Activity Assay Kit; SDH assay kit

PRODUCT SPECIFICATIONS

Specificity	96T (Can detect 94 samples without duplication)
Form/Format	Normal saline (0.9% NaCl), PBS(0.01 M, pH 7.4).
Detection Range	0.83-65.42 U/L
Sensitivity	0.83 U/L
Intra-assay Precision	The intra-assay CV is 2%.
Inter-assay Precision	The inter-assay CV is 4%.
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for SDH assay kit

Principle of the Assay: Succinate dehydrogenase(SDH) is an enzyme complex bound to the inner membrane of mitochondria, which is one of the hubs connecting respiratory electron transport and oxidative phosphorylation. SDH lack will cause nerve diseases such as metabolic disorders, tumor formation. SDH catalyzes the dehydrogenation of succinate to fumarate, with electron transport materials transferring electrons to 2, 6-dichlorophenol indophenol (DCPIP). Then, the reduced DCPIP is reduced to the oxidized DCPIP, which has a characteristic absorption peak at 600 nm. Therefore, the activity of SDH can be quantified by measure the change OD value at 600 nm.

Product Categories/Family for SDH assay kit

Metabolism assay kit; Enzymes; Tricarboxylic Acid(TCA) Cycle

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/assay-kits/succinate-dehydrogenase-sdh/178101>