

Cell Mitochondrial Complex I (NADH-CoQ Reductase) Assay Kit | NADH-CoQ assay kit

Cell Mitochondrial Complex I (NADH-CoQ Reductase) Activity Assay Kit

CATALOG #
AAA179654

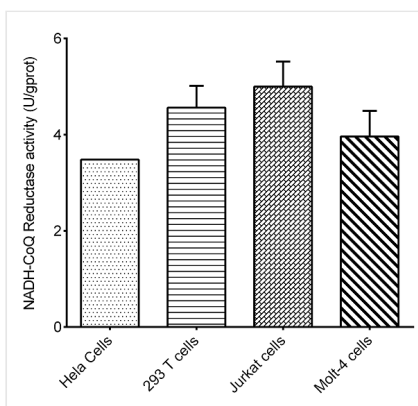
PRODUCT SYNONYMS

Cell Mitochondrial Complex I (NADH-CoQ Reductase); Cell Mitochondrial Complex I (NADH-CoQ Reductase) Activity Assay Kit; NADH-CoQ Reductase; NADH-CoQ assay kit

PRODUCT SPECIFICATIONS

Assay Type	Enzyme Activity
Samples	cells
Detection Range	2.85-119.04 U/L
Sensitivity	2.85 U/L
Detection Type	Colorimetric method
Detection Instrument	Microplate reader
Precision	Inter CV: 5.0-8.0% Intra CV: 3.0-4.0%
Research Area	Mitochondria Function
Test Principle	Mitochondrial complex I catalyzes the reaction of NADH with ubiquinone substrate to generate NAD ⁺ and reduced ubiquinone. The activity of mitochondrial complex I can be quantified by measure the change OD value at 340 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

ADDITIONAL INFORMATION

Product Categories/Family for NADH-CoQ assay kit

Cell Metabolism Assays; Mitochondria Function

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/cell-mitochondrial-complex-i-nadh-coq-reductase/179654>