

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

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

CATALOG #
AAA178112

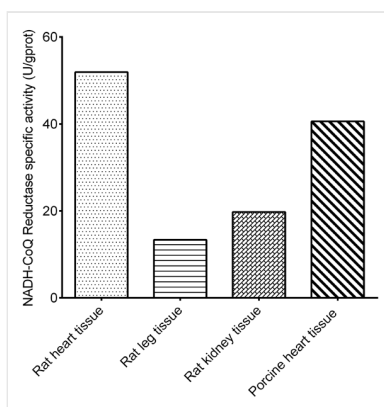
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Form/Format	Anhydrous ethanol (AR)
Samples	Animal tissue samples
Detection Range	15.58-224.2U/L
Sensitivity	15.58U/L
Intra-assay Precision	0.8
Inter-assay Precision	8.4
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for NADH-CoQ assay kit

Principle of the Assay: Mitochondrial complex I catalyzes the reaction of NADH with ubiquinone substrate to generate NAD⁺ and reduced ubiquinone. The specific inhibitor rotenone can inhibit the enzyme, and the total enzyme activity minus the enzyme activity after inhibitor inhibition can reflect its specific enzyme activity.

Product Categories/Family for NADH-CoQ 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.