

Cell Mitochondrial Complex III (Coenzyme Q-Cytochrome C Reductase) Assay Kit

Cell Mitochondrial Complex III (Coenzyme Q-Cytochrome C Reductase) Activity Assay Kit

CATALOG #
AAA179656

PRODUCT SYNONYMS

Cell Mitochondrial Complex III (Coenzyme Q-Cytochrome C Reductase); Cell Mitochondrial Complex III (Coenzyme Q-Cytochrome C Reductase) Activity Assay Kit; Coenzyme Q-Cytochrome C Reductase; Cell Mitochondrial Complex III (Coenzyme Q-Cytochrome C Reductase) assay kit

PRODUCT SPECIFICATIONS

Assay Type	Enzyme Activity
Samples	cells
Detection Range	0.73-29.3 U/L
Sensitivity	0.73 U/L
Detection Type	Colorimetric method
Detection Instrument	Microplate reader
Precision	Inter CV: 4.5-10.0% Intra CV: 3.5-5.0%
Research Area	Mitochondria Function
Test Principle	Mitochondrial complex III, also known as cytochrome c reductase complex, its main function is to oxidize the reduced coenzyme Q10 formed by mitochondrial complexes I and II to oxidative coenzyme Q10. In this process, the OD value increased at 550 nm. Therefore, the activity of mitochondrial complex III can be quantified by measure the change OD value at 550 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 Cell
Mitochondrial Complex III (Coenzyme
Q-Cytochrome C Reductase) 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.