

Cell Mitochondrial Complex V (F0F1-ATPase/ATP Synthase) Assay Kit | F0F1-ATPase/ATP assay kit

Cell Mitochondrial Complex V (F0F1-ATPase/ATP Synthase) Activity Assay Kit

CATALOG #
AAA179658

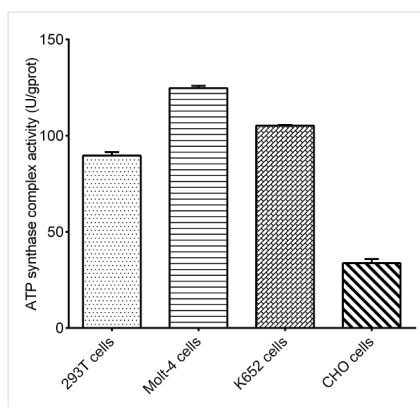
PRODUCT SYNONYMS

Cell Mitochondrial Complex V (F0F1-ATPase/ATP Synthase); Cell Mitochondrial Complex V (F0F1-ATPase/ATP Synthase) Activity Assay Kit; F0F1-ATPase; ATP Synthase; F0F1-ATPase/ATP assay kit

PRODUCT SPECIFICATIONS

Assay Type	Enzyme Activity
Samples	cells
Detection Range	3.40-272.07 U/L
Sensitivity	3.40 U/L
Detection Type	Colorimetric method
Detection Instrument	Microplate reader
Precision	Inter CV: 3.0-6.5% Intra CV: 3.0-4.0%
Research Area	Mitochondria Function
Test Principle	Mitochondrial complex V is also known as F0F1-ATP synthase. ATP is hydrolyzed by F0F1-ATP synthase to produce ADP, and ADP converts NADH into oxidized coenzyme I (NAD) after enzyme conversion reaction. The activity of mitochondrial complex V 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 F0F1-ATPase/ATP assay kit	Cell Metabolism Assays; Mitochondria Function
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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/cell-mitochondrial-complex-v-f0f1-atpase-atp-synthase/179658>