

Mitochondrial Respiratory Chain ComplexV (F0F1-ATPase/ATP Synthase) Assay Kit | F0F1-ATPase assay kit

Mitochondrial Respiratory Chain ComplexV (F0F1-ATPase/ATP Synthase) Activity Assay Kit

CATALOG #
AAA178122

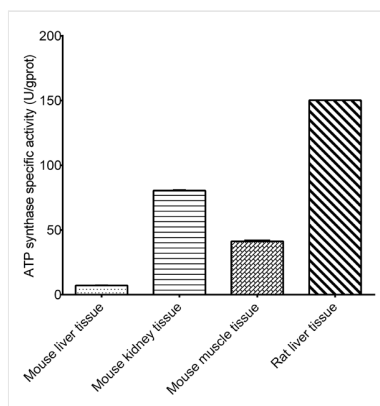
PRODUCT SYNONYMS

Mitochondrial Respiratory Chain ComplexV (F0F1-ATPase/ATP Synthase); Mitochondrial Respiratory Chain ComplexV (F0F1-ATPase/ATP Synthase) Activity Assay Kit; F0F1-ATPase assay kit

PRODUCT SPECIFICATIONS

Specificity	96T (Can detect 48 samples without duplication)
Detection Range	12.13-74.21 U/L
Sensitivity	12.13 U/L
Intra-assay Precision	The intra-assay CV is 5.6%.
Inter-assay Precision	The inter-assay CV is 6.5%.
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for F0F1-ATPase assay kit	Principle of the Assay: 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. Therefore, the activity of mitochondrial complex V can be quantified by measure the change OD value at 340 nm.
Product Categories/Family for F0F1-ATPase assay kit	Metabolism assay kit; 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.

