

General ATP Synthase (Mitochondrial Complex V) Microplate Assay Kit

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CATALOG # AAA219746	REACTIVITY General	APPLICATIONS Functional Assay
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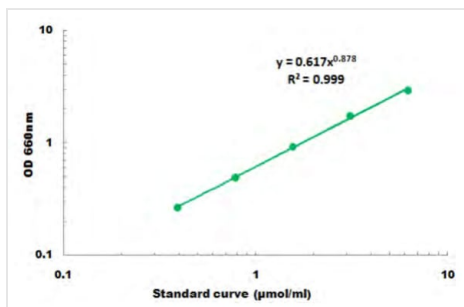
PRODUCT SYNONYMS

ATP Synthase (Mitochondrial Complex V) Microplate; ATP Synthase (Mitochondrial Complex V) Microplate Assay Kit; EC 3.6.3.14; ATP synthase; F1-ATPase; FoF1-ATPase; H⁺-transporting ATPase; mitochondrial ATPase; chloroplast ATPase; bacterial Ca²⁺/Mg²⁺ ATPase; ATP Synthase (Mitochondrial Complex V) Microplate assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.1 umol/ml - 10 umol/ml
Applicable Applications for ATP Synthase (Mitochondrial Complex V) Microplate assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATP Synthase (Mitochondrial Complex V) Microplate assay kit	Principle of the Assay: ATP synthase (EC 3.6.3.14) is an important enzyme that creates the energy storage molecule adenosine triphosphate (ATP). ATP is the most commonly used "energy currency" of cells for most organisms. It is formed from adenosine diphosphate (ADP) and inorganic phosphate (Pi), and needs energy for its formation. The assay is used to determine ATP Synthase activity. The enzyme catalysed reaction products Pi can react with dry reagent, and can be measured at a colorimetric readout at 660 nm. Intended Uses: Detection and Quantification of ATP Synthase (Complex V) Activity in Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples.
Product Categories/Family for ATP Synthase (Mitochondrial Complex V) Microplate assay kit	Small molecule detection kit

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/general-assay-kits/atp-synthase-mitochondrial-complex-v-microplate/219746>