

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

Catalog Number: AKAS0428

Price: [Online Inquiry](#)

Product Information

Product Name	Mitochondrial Respiratory Chain Complex V (F ₀ F ₁ -ATPase /ATP Synthase) Activity Assay Kit
Detection Method	Colorimetric method
Instruments	Microplate Reader
Sample Type	Animal Tissue, Cell
Detection Principle	Mitochondrial complex V is also known as F ₀ F ₁ -ATP synthase. ATP is hydrolyzed by F ₀ F ₁ -ATP synthase to produce ADP, and ADP converts NADH into oxidized coenzyme I (NAD) after enzyme conversion reaction. Therefore, the activity of mitochondrial complex IV can be quantified by measure the change OD value at 340 nm.
Assay Time	15 min
Storage	-20℃