

Adenosine Triphosphate (ATP) Colorimetric Assay Kit

Cat No: HR3BC1173

For research use only

Overview

Detection Method	Colorimetric method
Storage	Reagent 3: -20?, others: 2-8?
Instrument	Spectrophotometer(636 nm)
Assay Time	70 min
Validity	6
Assay Type	Quantitative
Sample Type	Tissue, cells
Synonyms	ATP
Instrument	Spectrophotometer(636 nm)
Detection Principle	Creatine Kinase catalyzes adenosine triphosphate and creatine to produce creatine phosphate, then detected by phosphomolybdic acid colorimetry.
Reagents	Deionized water, Normal saline (0.9% NaCl)
Labware	Micropipettor, Incubator, Water bath, Vortex mixer, Centrifuge
Size	100Assays
Sensitivity	0.01 mmol/L
Detection Range	0.01-1.5 mmol/L
Recovery Rate	103