CREATIVE BIOMART®
Assay Kit

ATP Content Assay Kit

Product Information

Product Overview

ATP is the universal cellular energy currency, and energy charge is a key parameter describing cellular energy metabolism.
Hexokinase catalyzes the phosphorylation of glucose using ATP to form glucose-6-phosphate, which is subsequently oxidized by glucose-6-phosphate dehydrogenase to produce NADPH. NADPH exhibits characteristic absorbance at 340 nm, which is proportional to ATP concentration.

Size

50t/48s

Storage

Store at -20 °C. Shelf life: 1 year.

Detection method Spectrophotometer

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