



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
