CREATIVE BIOMART®
Assay Kit

ATP/ADP/AMP Content HPLC Assay Kit

Product Information

Product Overview

Significance of Measurement: Reduced glutathione (GSH) is a major non-enzymatic antioxidant in cells. It participates in detoxification, redox regulation, and maintenance of cellular homeostasis. Measurement of GSH content is widely used to assess oxidative stress and cellular antioxidant capacity.
Principle of Measurement: GSH reacts with chromogenic reagents to form a yellow-colored product with a characteristic absorbance at 412 nm. GSH content is calculated based on absorbance at this wavelength.

Size

50t/48s

Storage

Store at -20 °C. Shelf life: 6 months.

Detection method HPLC

Materials Required but Not Supplied

Visible spectrophotometer or microplate reader, benchtop centrifuge, adjustable pipettes, quartz cuvettes or 96-well plates, and distilled water.

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