



## ATP/ADP/AMP Content HPLC Assay Kit

### Product Information

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#### Product Overview

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**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.

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#### Size

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50t/48s

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#### Storage

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

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**Detection method** HPLC

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#### Materials Required but Not Supplied

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

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