CREATIVE BIOMART®
Assay Kit

Reduced Glutathione (GSH) Content Assay Kit

Product Information

Product Overview

Reduced glutathione (GSH) is the major intracellular thiol antioxidant and plays critical roles in redox regulation, thiol protection, and amino acid transport. The GSH/GSSG ratio is a key indicator of cellular redox status.
DTNB reacts with GSH to form a chromophoric product with absorbance at 412 nm. Absorbance is proportional to GSH concentration. Measurement of GSH, GSSG, and their ratio reflects intracellular redox balance.

Size

100t/96s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

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