



Reduced Glutathione Content Assay kit

GSH is the most important antioxidant sulfhydryl substance in cells, and plays an important role in antioxidant, protein sulfhydryl protection and amino acid transmembrane transport. The ratio of reduced form to oxidized form (GSH/GSSG) is the main dynamic indicator of the redox state of cells. Therefore, measuring the content of GSH and GSSG in the cell and the ratio of GSH/GSSG can well reflect the redox state of the cell.

DTNB reacts with GSH to form a complex, which has a characteristic absorption peak at 412nm; its absorbance is directly proportional to the GSH content.

Catalog No.	250117
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs