



# Reduced Glutathione (GSH) Colorimetric Assay Kit

Cat No: HR3BC1119

For research use only

## Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(405-414 nm)
Assay Time	25 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,cell culture supernatant,tissue,cells
Synonyms	GSH
Instrument	Microplate reader(405-414 nm)
Detection Principle	Reduced GSH can react with Dinitrobenzoic acid (DNTB) to form a yellow complex which can be detected by colorimetric assay at 405 nm and calculate the reduced GSH content indirectly.
Reagents	Normal saline (0.9% NaCl) or PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Vortex mixer
Size	96T
Sensitivity	2 ?mol/L
Detection Range	2-100 ?mol/L
Recovery Rate	96