

Glutathione Reductase (GR) Activity Assay Kit

Cat No: HR3BC1135

For research use only

Overview

Detection Method	Colorimetric method
Storage	Reagent 1: 2-8?, others: -20?
Instrument	Spectrophotometer(340 nm)
Assay Time	90 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Serum,plasma,tissue,cells
Synonyms	GR
Instrument	Spectrophotometer(340 nm)
Detection Principle	With the coenzyme as hydrogen donor, GSSG can be reduced to GSH under the catalysis of GR. Then the GSH content increased and NADPH decreased. The decrease of NADPH absorbance can be measured at 340 nm. The activity of GR can be calculated by detecting the change of NADPH.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Incubator, Vortex mixer, Micropipettor, Centrifuge
Size	100Assays
Sensitivity	6.2 U/L
Detection Range	6.2-320 U/L
Recovery Rate	100