

Cysteine (Cys) Colorimetric Assay Kit

Cat No: HR3BC1225

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Microplate reader(600-620 nm,optimum wavelength: 600 nm)
Assay Time	30 min
Validity	3
Assay Type	Quantitative
Sample Type	Serum,plasma,animal tissue,cells
Synonyms	Cys
Instrument	Microplate reader(600-620 nm,optimum wavelength: 600 nm)
Detection Principle	Phosphotungstic acid can be reduced by Cys and form tungsten blue, which has an absorption peak at 600 nm. Cys content can be calculated with the absorbance at 600 nm.
Reagents	Phosphoric acid
Labware	Micropipettor, Centrifuge, Water bath, Incubator, Vortex mixer
Size	96T
Sensitivity	0.03 mmol/L
Detection Range	0.07-2.0 mmol/L
Recovery Rate	94