



H2S Colorimetric Assay Kit

Cat No: HR3BC1226

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(660-670 nm,optimum wavelength: ?665 nm)
Assay Time	80 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,animal tissue
Synonyms	H2S
Instrument	Microplate reader(660-670 nm,optimum wavelength: ?665 nm)
Detection Principle	H2S can react with acetate solution to form ZnS which can be dissolved in alkaline solution. In the presence of Fe3+, methylene blue can be formed. Methylene blue has a maximum absorption peak at 665 nm. H2S content can be calculated indirectly by measuring the OD value at 665 nm.
Reagents	Normal saline (0.9% NaCl)
Labware	Micropipettor, Centrifuge, Incubator, Vortex mixer
Size	96T
Sensitivity	6.73 ?mol/L
Detection Range	6.82-100 ?mol/L
Recovery Rate	94