Sialic Acid (SA) Colorimetric Assay Kit

Cat No: HR3BC1207

For research use only

Overview

Detection Method	Colorimetric method
Storage	Reagent 1: -20?, Reagent 2: 2-8?
Instrument	Microplate reader(510-570 nm,optimum wavelength: 560 nm)
Assay Time	40 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,saliva,urine,hydrothorax,tissue
Synonyms	SA
Instrument	Microplate reader(510-570 nm,optimum wavelength: 560 nm)
Detection Principle	Sialic acid forms a purplish red complex with methyl resorcinol in the presence of oxidant. And the absorbance conforms to Lambert-Beer's law. The content of sialic acid can be calculated by measuring the OD value at 560 nm.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Centrifuge, Incubator, Water bath, Vortex mixer
Size	96T
Sensitivity	0.03 mmol/L
Detection Range	0.03-7 mmol/L
Recovery Rate	95