



Copper (Cu) Colorimetric Assay Kit

Cat No: HR3BC1193

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Microplate reader(575-585 nm)
Assay Time	30 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma
Synonyms	Cu
Instrument	Microplate reader(575-585 nm)
Detection Principle	In acidic condition, the copper ion in the sample react with 3,5-DiBr-PAESA to form a purple complex which has a maximum absorption peak at 580 nm. And copper ion content can be calculated indirectly by measuring the OD value at 580 nm.
Reagents	
Labware	Micropipettor, Incubator
Size	96T
Sensitivity	1.84 µmol/L
Detection Range	1.84-60 µmol/L
Recovery Rate	105