Zinc (Zn) Colorimetric Assay Kit

Cat No: HR3BC1202

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(545-575 nm)
Assay Time	20 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,urine,milk
Synonyms	Zn
Instrument	Microplate reader(545-575 nm)
Detection Principle	The zinc ion in the sample react with 5-Br-PADAP to produce the colored complex. The depth of color is directly proportional to the concentration of zinc ion. Zinc ion content can be calculated by measuring the OD values at 560 nm.
Reagents	Deionized water
Labware	Micropipettor, Vortex mixer
Size	96T
Sensitivity	0.418 ?mol/L
Detection Range	0.748 -46.2 ?mol/L
Recovery Rate	104