

Total Amino Acids (T-AA) Colorimetric Assay Kit

Cat No: HR3BC1292

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Microplate reader (640-660 nm, optimum wavelength: 650 nm)
Assay Time	40 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum, plasma, urine, tissue
Synonyms	T-AA
Instrument	Microplate reader (640-660 nm, optimum wavelength: 650 nm)
Detection Principle	Copper ions can complex with various amino acids to produce blue-green complex compound, and the depth of color is proportional to the content of total amino acids at a specific wavelength. T-AA content can be calculated with the absorbance at 650 nm.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Test tube, Micropipettor, Vortex mixer, Centrifuge
Size	96T
Sensitivity	3.03 mmol/L
Detection Range	3.64-100 mmol/L
Recovery Rate	102