

Biuret Protein Colorimetric Assay Kit

Cat No: HR3BC1230

For research use only

Overview

Detection Method	Colorimetric method
Storage	Reagent 3: -20?, others: 2-8?
Instrument	Microplate reader(520-580 nm,optimum wavelength: 540 nm)
Assay Time	20 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,tissue
Synonyms	TP
Instrument	Microplate reader(520-580 nm,optimum wavelength: 540 nm)
Detection Principle	Any compound that contains two -CONH ₂ in the molecule can react with alkaline copper solution to form a purple complex, which is known as the biuret reaction. Many peptide bonds (-CONH-) in protein molecules can perform this reaction, and the color degree of all kinds of proteins are essentially the same.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Incubator, Vortex mixer, Centrifuge
Size	96T
Sensitivity	0.58 g/L
Detection Range	0.58-100 g/L
Recovery Rate	98