

Bradford Protein Colorimetric Assay Kit

Cat No: HR3BC1186

For research use only

Overview

Detection Method	Colorimetric method
Storage	Reagent 1: 2-8?, Reagent 2: RT
Instrument	Spectrophotometer(595 nm)
Assay Time	50 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,animal tissue
Synonyms	TP
Instrument	Spectrophotometer(595 nm)
Detection Principle	Coomassie brilliant blue G-250 is red under the free state, and it has the maximum absorbance at 465 nm. When the Coomassie brilliant blue G-250 combined to protein, the compound will have the maximum at 595 nm. The absorbance value is directly proportional to the protein content, so the concentration of total protein can be calculated directly by measuring the OD value at 595 nm.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Vortex mixer
Size	100Assays
Sensitivity	0.026 mg/mL
Detection Range	0.026-1.2 mg/mL
Recovery Rate	97