

Albumin (ALB) Colorimetric Assay Kit (Bromocresol Green Method)

Cat No: HR3BC1128

For research use only

Overview

Detection Method	Colorimetric method
Storage	Reagent 1: 2-8?, Reagent 2: -20?
Instrument	Microplate reader(620-640 nm)
Assay Time	20 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum, plasma
Synonyms	ALB
Instrument	Microplate reader(620-640 nm)
Detection Principle	Bromocresol green (BCG) is widely used as protein staining agent. BCG can combine the albumin in pH 4.0~4.2 to form an albumin-BCG complex. And the color changed from yellow to green. The depth of color is proportional to the concentration of albumin. The content of albumin in serum can be calculated indirectly by measuring the OD value at 630 nm.
Reagents	Normal saline (0.9% NaCl)
Labware	Micropipettor, Vortex mixer
Size	96T
Sensitivity	0.08 g/L
Detection Range	0.08-15 g/L
Recovery Rate	95