

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

Cat No: HR3BC1127

For research use only

## Overview

Detection Method	Colorimetric method
Storage	Reagent 1: 2-8?, Reagent 2: -20?
Instrument	Spectrophotometer(628 nm)
Assay Time	50 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma
Synonyms	ALB
Instrument	Spectrophotometer(628 nm)
Detection Principle	Bromocresol green (BCG) can combine with the albumin in pH 4.0-4.2 to form an albumin-BCG complex, which is yellowish-green. The depth of yellowish-green is proportional to the concentration of albumin. The serum albumin concentration can be calculated by measuring the OD value at 628 nm.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Vortex mixer
Size	100Assays
Sensitivity	0.50 g/L
Detection Range	0.50-70 g/L
Recovery Rate	99