Blood Ammonia Colorimetric Assay Kit

Cat No: HR3BC1163

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Spectrophotometer(635 nm)
Assay Time	65 min
Validity	3
Assay Type	Quantitative
Sample Type	Serum,plasma
Synonyms	NH3
Instrument	Spectrophotometer(635 nm)
Detection Principle	Blood protein can be precipitated with protein precipitator, and enzyme activity will be destroyed, which can prevent the formation of free ammonia in vitro. Most interfering color substances were removed at the same time, indigo was formed in non-protein filtrate by Berthelot reaction, and the color depth was proportional to the content of blood ammonia. Blood ammonia content can be determined by comparing with standard solution.
Reagents	Normal saline (0.9% NaCl)
Labware	Micropipettor, Vortex mixer, Incubator, Centrifuge
Size	100Assays
Sensitivity	0.01 mmol/L
Detection Range	0.01-2.0 mmol/L
Recovery Rate	104