



Sodium (Na) Colorimetric Assay Kit

Cat No: HR3BC1149

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Spectrophotometer(405 nm), Microplate reader(405 nm), Biochemistry analyzer(405 nm)
Assay Time	
Validity	12
Assay Type	Quantitative
Sample Type	Serum
Synonyms	Na
Instrument	Spectrophotometer(405 nm), Microplate reader(405 nm), Biochemistry analyzer(405 nm)
Detection Principle	Production of o-nitrophenol and galactose by o-nitrophenol-?-D-galactoside (ONPG) catalyzed by sodium dependent ?-D-galactosidase. The amount of o-nitrophenol is directly proportional to the concentration of sodium ion in the sample. The o-nitrophenol is yellow in alkaline environment. The increase of absorbance is determined at 405 nm, and the content of sodium ion is calculated indirectly.
Reagents	
Labware	
Size	200Assays
Sensitivity	
Detection Range	80-180 mmol/L
Recovery Rate	