

Sodium (Na) Assay Kit - Colorimetric

Catalog Number: AKAS0529

Price: [Online Inquiry](#)

Product Information	
Product Name	Sodium (Na) Assay Kit - Colorimetric
Instruments	Spectrophotometer Microplate Reader Biochemistry Analyzer
Sample Type	Serum, Plasma
Research Area	Liver Biomarker Cation and Inorganic Ion
Detection Principle	Production of o-nitrophenol and galactose by o-nitrophenol- β -D-galactoside (ONPG) catalyzed by sodium dependent β -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. 4.
Assay Time	25 min
Storage	2-8 $^{\circ}$ C
Shipping Conditions	Gel Pack