

Sodium Assay Kit

Sodium assay kit (Colorimetric method, with standard)

CATALOG #
AAA172735

PRODUCT SYNONYMS

Sodium; Sodium assay kit (Colorimetric method; with standard); Sodium assay kit

PRODUCT SPECIFICATIONS

Specificity	200Assays (Can detect 48 samples with spectrophotometer or 196 samples with biochemical analyzer and microplate reader without duplication)
Samples	Serum samples
Detection Range	80-180 mmol/L
Intra-assay Precision	intra-CV<= 5.0 %.
Inter-assay Precision	inter- CV <= 8.0 %.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

ADDITIONAL INFORMATION

Related Product Information for Sodium assay kit	Principle of the Assay: Production of o-nitrophenol and galactose by o-nitrophenol-beta-D-galactoside (ONPG) catalyzed by sodium dependent beta-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.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/sodium/172735>