

## Sodium (Na) Assay Kit | Na assay kit

Sodium (Na) Colorimetric Assay Kit

CATALOG #  
**AAA178084**

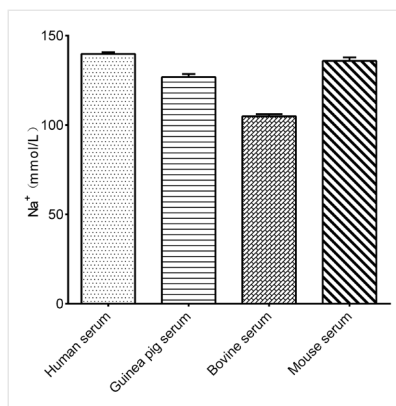
### PRODUCT SYNONYMS

Sodium (Na); Sodium (Na) Colorimetric Assay Kit; Na assay kit

### PRODUCT SPECIFICATIONS

|                         |                        |
|-------------------------|------------------------|
| Samples                 | Serum (plasma) samples |
| Detection Range         | 0.02-20mmol/L          |
| Sensitivity             | 0.02mmol/L             |
| Intra-assay Precision   | 2.2                    |
| Inter-assay Precision   | 8.4                    |
| Preparation and Storage | Store at 2-8 degree C  |

### IMAGES



Application Data

### ADDITIONAL INFORMATION

#### Related Product Information for Na assay kit

Background: Sodium (Na), an important inorganic element in living organisms, in the body, mainly comes from the salt in food, which absorbed into the blood through the intestinal. It is the most abundant cation in the extracellular fluid, mostly existing in the form of sodium chloride. Na plays vital roles in the maintenance of extracellular fluid volume, osmotic pressure, pH balance, muscle and nerve normal stress.

Principle of the Assay: beta-galactosidase activated by sodium ions can catalyze o-nitrophenol to produce glycoside and o-nitrophenol. The increase of absorbance is determined at 405 nm, and the content of sodium ion is calculated indirectly.

#### Product Categories/Family for Na assay kit

Metabolism assay kit; Inorganic ions

**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-na/178084>