CREATIVE BIOMART®
Assay Kit

Blood Sodium Content Assay Kit

Product Information

Product Overview

Significance: Serum sodium plays a critical role in maintaining extracellular fluid volume, osmotic pressure, and acid–base balance.
Principle: Sodium ions in serum react with potassium pyroantimonate under weakly alkaline conditions to form a precipitate. The amount of precipitate is proportional to sodium concentration, which can be determined by measuring turbidity.

Size

100t/96s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Centrifuge, water bath, adjustable pipettes, visible spectrophotometer or microplate reader, micro quartz cuvettes or 96-well plates, deionized water, and anhydrous ethanol.

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