CREATIVE BIOMART®
Assay Kit

Amino Acid Micro Amino Acid (AA) Content Assay Kit

Product Information

Product Overview

Significance of Measurement: Potassium plays a vital role in maintaining osmotic pressure, acid–base balance, carbohydrate and protein metabolism, and normal neuromuscular function. Abnormal serum potassium levels can lead to severe cardiac and neuromuscular disorders. Therefore, serum potassium is a commonly used biochemical indicator.
Principle of Measurement: Potassium ions react with sodium tetraphenylborate to form insoluble potassium tetraphenylborate. The resulting turbidity is proportional to potassium concentration within a defined range and is measured spectrophotometrically.

Size

100t/96s

Storage

Store at 2–8 °C. Shelf life: 1 year.

Synonyms

AA Kit

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Centrifuge, adjustable pipettes, visible spectrophotometer or microplate reader, quartz cuvettes or 96-well plates, and distilled water.

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