CREATIVE BIOMART®
Assay Kit

Blood Potassium Content Assay Kit

Product Information

Product Overview

Potassium is essential for osmotic pressure regulation, acid–base balance, carbohydrate and protein metabolism, and neuromuscular function. Abnormal serum potassium levels can cause severe cardiac and neuromuscular disorders, making it a routine biochemical indicator. Potassium ions react with sodium tetraphenylborate to form insoluble potassium tetraphenylborate. The resulting turbidity is proportional to potassium concentration and is measured spectrophotometrically.

Size

100t/96s

Storage

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

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

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

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