CREATIVE BIOMART®
Assay Kit

Vitamin B6 (VB6) Content Assay Kit

Product Information

Product Overview

Significance of Measurement: Vitamin B6 (pyridoxine), including pyridoxol, pyridoxal, and pyridoxamine, is a water-soluble vitamin that exists primarily in phosphorylated forms in vivo. VB6 participates in multiple protein and amino acid metabolic pathways and plays an essential role in cellular metabolism.
Principle of Measurement: VB6 reacts with 4-aminoantipyrine in the presence of a strong oxidizing agent to form a stable yellow compound with a characteristic absorption peak at 390 nm.

Size

100t/48s

Storage

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

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Analytical balance, mortar, centrifuge, visible spectrophotometer or microplate reader, quartz cuvettes or 96-well plates, constant-temperature water bath, and distilled water.

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