CREATIVE BIOMART®
Assay Kit

Total Phosphorus Content Assay Kit

Product Information

Product Overview

Significance: Phosphorus exists as inorganic phosphate and organic phosphorus. Measuring total and inorganic phosphorus provides insights into crop phosphorus utilization and guides fertilization. Principle: Total phosphorus is digested to inorganic phosphate. Inorganic phosphate reacts with molybdate to form molybdenum blue, measured at 660 nm to calculate phosphorus content.

Size

50t/48s

Storage

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

Detection method Spectrophotometer

Materials Required but Not Supplied

Visible spectrophotometer, centrifuge, water bath, adjustable micropipettes, 1 mL glass cuvettes, distilled water, concentrated sulfuric acid.

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