

## Phosphorus Assay Kit - Colorimetric

**Catalog Number:** AKAS0497

**Price:** [Online Inquiry](#)

Product Information	
Product Name	Phosphorus Assay Kit - Colorimetric
Instruments	Microplate Reader
Sample Type	Serum, Plasma, Tissue
Research Area	Cation and Inorganic Ion
Detection Principle	Inorganic phosphorus react with molybdic acid to produce phosphomolybdic acid. Phosphomolybdic acid can be reduced to molybdenum blue under the action of reducing agent. And the molybdenum blue have a maximum absorption peak at 660 nm. The phosphorus content can be calculated indirectly by measuring the OD value at 660 nm.
Assay Time	40 min
Storage	2-8°C
Shipping Conditions	Gel Pack