

Phosphorus (Pi) Assay Kit

Catalogue No.: abx294160

Phosphorus (Pi) Assay Kit is an assay kit for the detection and quantification of Phosphorus (Pi) concentrations in serum, plasma and tissue homogenates using a spectrophotometer (Phospho Molybdate Method). 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.

Target: Phosphorus (Pi)

Storage: Shipped at 4°C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

Validity: The validity for this kit is 12 months.

Test Range: 0.005 mmol/L - 2 mmol/L

Sensitivity: 0.005 mmol/L

Detection Method: Colorimetric

Assay Data: Quantitative

Sample Type: Serum, plasma and tissue homogenates.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.