

General Serum Phosphorus Assay Kit

Serum Phosphorus Microplate Assay Kit

CATALOG # AAA27828	REACTIVITY General	APPLICATIONS Functional Assay
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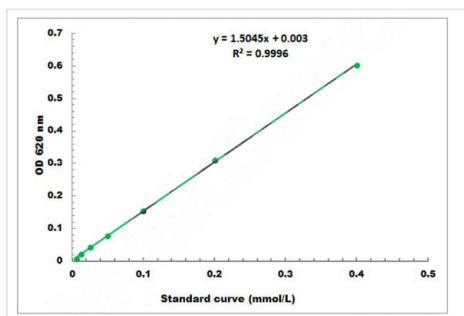
PRODUCT SYNONYMS

Serum Phosphorus; Serum Phosphorus Microplate Assay Kit; Phosphorus; P; Serum Phosphorus assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Serum, Urine, Saliva and Other biological fluids Samples
Detection Range	0.01 mmol/L - 0.4 mmol/L
Applicable Applications for Serum Phosphorus assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Serum Phosphorus assay kit

Background: Phosphorus is an important part of several of your body's processes. It helps with bone growth, energy storage, and nerve and muscle production. Many foods, especially meats and dairy products, contain phosphorus, so it's usually easy to get enough of this mineral in your diet. Most of your body's phosphorus is contained in your bones and teeth. However, some is in your blood. Hyperphosphatemia is when you have too much phosphorus in your blood. Hypophosphatemia is the opposite: having too little phosphorus. Various conditions, including liver disease and vitamin D deficiency, can cause your blood phosphorus level to become too high or too low. Phosphorus Microplate Assay Kit provides a sensitive colorimetric means to directly measure phosphorus concentration in various samples. Phosphorus concentration is based on the reaction of phosphorus with ammonium molybdate to form a blue colored product. The color intensity at 620 nm is directly proportional to phosphorus concentration in the sample.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.