

General Phytic Acid Assay Kit

Phytic Acid Microplate Assay Kit

CATALOG # AAA264786	REACTIVITY General	APPLICATIONS Functional Assay
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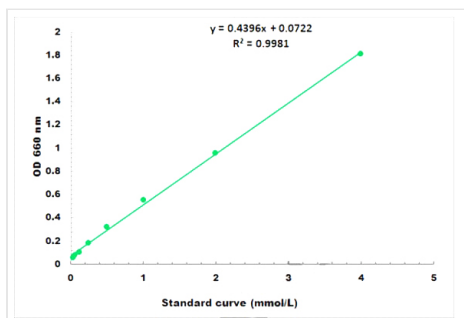
PRODUCT SYNONYMS

Phytic Acid; Phytic Acid Microplate Assay Kit; Phytic Acid assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.04 mmol/L - 4 mmol/L
Applicable Applications for Phytic Acid 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 Phytic Acid assay kit

Background: Phytic acid is a six-fold dihydrogenphosphate ester of inositol, also called inositol hexakisphosphate or inositol polyphosphate. At physiological pH, the phosphates are partially ionized, resulting in the phytate anion. The phytate anion is a colorless species that has significant nutritional role as the principal storage form of phosphorus in many plant tissues, especially bran and seeds. It is also present in many legumes, cereals, and grains. Phytic Acid Microplate Assay Kit is designed to measure phytic acid content in biological samples. Phytase decomposes the substrate. The dye reagent forms a color with released phosphate ion, which is measured on a plate reader 660 nm.

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.