

General Phytase Assay Kit

Phytase Microplate Assay Kit

CATALOG # AAA264724	REACTIVITY General	APPLICATIONS Functional Assay
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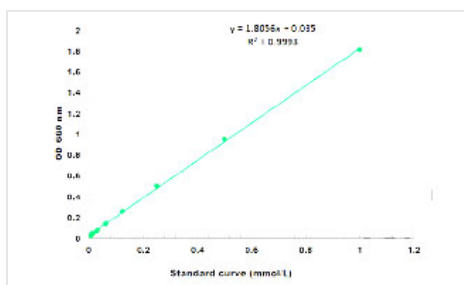
PRODUCT SYNONYMS

Phytase; Phytase Microplate Assay Kit; Phytase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	916
Samples	Tissue extracts, cell lysate, cell culture media and other biological fluids samples
Detection Range	0.01 mmol/L - 1 mmol/L
Applicable Applications for Phytase assay kit	FA (Functional Assay)
Preparation and Storage	Store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Phytase assay kit	Background/Introduction: Phytase is a phosphatase enzyme that catalyzes, or kickstarts, the hydrolysis of phytic acid, also known as phytate. Phytic acid is a form of indigestible phosphorus that's present in plant-based foods such as cereal, wheat, and various grains. Roughly two-thirds of the phosphorus present in plant foods is bound in the form of phytic phosphate. Through the hydrolysis reaction, phytase liberates phosphorus so that the body can use it. While phytases have been found to occur in animals, plants, fungi and bacteria, phytases have been most commonly detected and characterized from fungi. Phytase Microplate Assay Kit is designed to measure pytase activity 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	428691528
NCBI Official Full Name	phytase

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.

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Online datasheet: <https://www.aaabiotech.com/general-assay-kits/phytase/264724>