

General Total Phenols Assay Kit

Total Phenols Microplate Assay Kit

CATALOG # AAA264747	REACTIVITY General	APPLICATIONS Functional Assay
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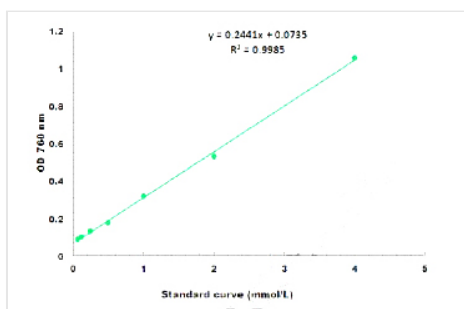
PRODUCT SYNONYMS

Total Phenols; Total Phenols Microplate Assay Kit; Total Phenols assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Urine, serum, plasma, tissue extracts, cell lysate, cell culture and other biological fluids samples
Detection Range	0.04 mmol/L - 4 mmol/L
Applicable Applications for Total Phenols 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 Total Phenols assay kit

Background/Introduction: Phenols constitute probably the largest group of plant secondary metabolites, varying in size from a simple structure with an aromatic ring to complex ones such as lignins. Although many of the essential oils are terpenes, some are phenolic compounds. Many simple phenols are responsible for taste. They are called the phenylpropanoids because they originate from phenylalanine and they have a six-carbon (C6) and three-carbon (C3) structure. Total Phenols Microplate Assay Kit is a sensitive assay for determining total phenols content in various samples. Phenols can react with phosphomolybdic acid, and the product can be measured at a colorimetric readout at 760 nm, is proportional to the phenols 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.