

General Ascorbic Acid Assay Kit

Ascorbic Acid Microplate Assay Kit

CATALOG # AAA261559	REACTIVITY General	APPLICATIONS Functional Assay
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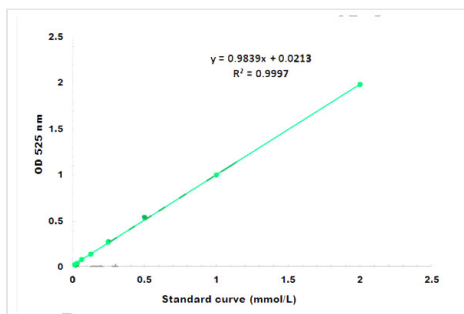
PRODUCT SYNONYMS

Ascorbic Acid; Ascorbic Acid Microplate Assay Kit; Vitamin C; Ascorbic Acid assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Tissue extracts, Cell lysate Samples
Detection Range	0.02 mmol/L - 2 mmol/L
Applicable Applications for Ascorbic 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 Ascorbic Acid assay kit

Background: Ascorbic Acid, also known as Vitamin C, is a six-carbon lactone produced by plants and some animal species but not by humans and other primates. Ascorbic acid functions as an enzymatic cofactor for multiple enzymes, serving as an electron donor for monooxygenases and dioxygenases. Ascorbic acid also functions as a powerful antioxidant, particularly in regards to reactive oxygen species. The reaction products can be measured at a colorimetric read out at 525 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.