

General Dehydroascorbic Acid Assay Kit

Dehydroascorbic Acid Microplate Assay Kit

CATALOG # AAA261581	REACTIVITY General	APPLICATIONS Functional Assay
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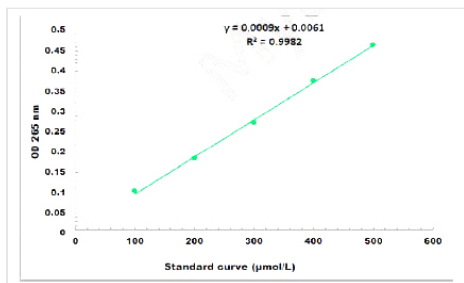
PRODUCT SYNONYMS

Dehydroascorbic Acid; Dehydroascorbic Acid Microplate Assay Kit; DHA; Dehydroascorbic Acid assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Tissue extracts, cell lysate samples
Detection Range	50 umol/L - 500 umol/L
Applicable Applications for Dehydroascorbic Acid assay kit	FA (Functional Assay)
Intra-assay Precision	Intra-assay CV(%) is less than 10%.
Inter-assay Precision	Inter-assay CV(%) is less than 15%.
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Dehydroascorbic Acid assay kit

Background/Introduction: Dehydroascorbic acid (DHA) is an oxidized form of ascorbic acid (vitamin C). It is actively imported into the endoplasmic reticulum of cells via glucose transporters. The assay is initiated with the reduction reaction of the DHA by DTT. The reduction reaction products AsA can be measured at a colorimetric readout at 265 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.