

Vitamin E Assay Kit

Vitamin E assay kit (Colorimetric method)

CATALOG #
AAA22072

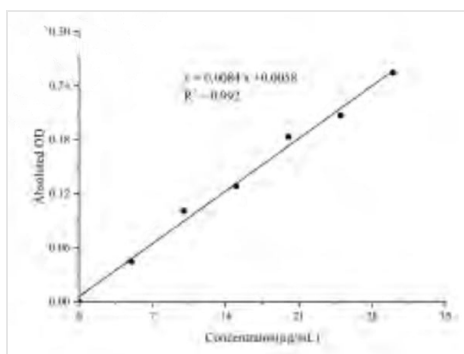
PRODUCT SYNONYMS

Vitamin E; Vitamin E assay kit (Colorimetric method); Vitamin E assay kit

PRODUCT SPECIFICATIONS

Specificity	50 Assays(48 samples)/ 100 Assays(96 samples)
Samples	Serum, plasma and tissue samples
Detection Range	0.09-40 ug/mL
Sensitivity	0.09 ug/mL VE
Intra-assay Precision	Three human serum samples were assayed in replicates of 20 to determine precision within an assay (CV = Coefficient of Variation).
Inter-assay Precision	Three human serum samples were assayed 20 times in duplicate by three operators to determine precision between assays.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Vitamin E assay kit

Principle of the Assay: Fe³⁺ can be deoxidized to Fe²⁺ by Vitamin E (VE) with ferroin existing. Fe²⁺ can react with phenanthroline and form pink compound under certain condition. VE content can be calculated by measuring the OD value at 532 nm.

Intended Uses: This kit can be used to measure Vitamin E content in serum, plasma and tissue samples.

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.