

Vitamin C Assay Kit

Vitamin C assay kit (Colorimetric method)

CATALOG #
AAA172684

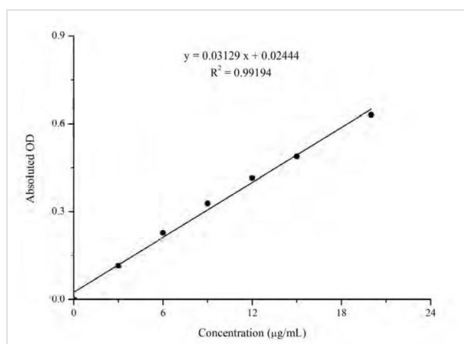
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Specificity	100 assays (Can detect 96 samples without duplication)
Samples	Serum, plasma, animal/plant tissue and other samples
Detection Range	0.35-20 ug/mL
Sensitivity	0.35 ug/mL
Intra-assay Precision	The intra-assay CV is 2.3%.
Inter-assay Precision	The inter-assay CV is 3.3%.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Vitamin C assay kit

Principle of the Assay: The most obvious chemical activity of VC is that reduce Fe^{3+} to Fe^{2+} , then promote iron absorption in the intestine, promote the storage and utilization of iron. Fe^{3+} react immediately with reducing ascorbic acid to form Fe^{2+} . then Fe^{2+} react with phenanthroline and the color developing reaction occurs. The content of vitamin C in plasma can be determined. Measure the OD value and calculate the VC content indirectly.

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/assay-kits/vitamin-c/172684>