

Rat Vitamin E, VE ELISA Kit | VE elisa kit

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CATALOG #
AAA41560

REACTIVITY
Rat

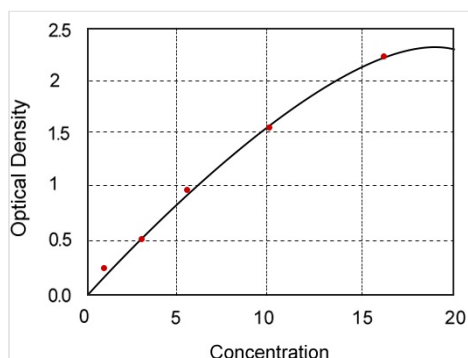
PRODUCT SYNONYMS

Vitamin E; VE; Rat Vitamin E; VE ELISA Kit; VE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/ml - 800ng/ml
Sensitivity	1.02ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VE elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Vitamin E (also known as VE) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat VE antibody. VE present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat VE Antibody is added and binds to VE in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated VE antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat VE. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

References

[Simvastatin and vitamin E effects on cardiac and hepatic oxidative stress in rats fed on high fat diet](#). Amr M. Abbas, Hussein F. Sakr (2013)

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://stage.aaabiotech.com/rat-elisa-kits/vitamin-e-ve/41560>