

Bovine Vitamin K epoxide reductase complex subunit 1 ELISA Kit | VKORC1 elisa kit

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CATALOG # AAA56316	REACTIVITY Bovine
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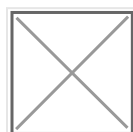
PRODUCT SYNONYMS

Vitamin K epoxide reductase complex subunit 1; Bovine Vitamin K epoxide reductase complex subunit 1 ELISA Kit; VKORC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural Bovine VKORC1. No significant cross-reactivity or interference was observed.
Sequence Length	163
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	0.78-50.0 ng/mL.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of bovine vitamin k epoxide reductase complex subunit 1, VKORC1 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VKORC1 elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to VKORC1. During the reaction, VKORC1 in the sample or standard competes with a fixed amount of biotin-labeled VKORC1 for sites on a pre-coated Monoclonal antibody specific to VKORC1. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of VKORC1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51491825
NCBI GeneID	445422

NCBI Accession #	NP_001003903.1
NCBI GenBank Nucleotide #	NM_001003903.3
UniProt Accession #	Q6B4J2 ; A2VDX1
Molecular Weight	17,967 Da
NCBI Official Full Name	vitamin K epoxide reductase complex subunit 1
NCBI Official Symbol	VKORC1
NCBI Protein Information	vitamin K epoxide reductase complex subunit 1
UniProt Protein Name	Vitamin K epoxide reductase complex subunit 1
UniProt Gene Name	VKORC1
UniProt Entry Name	VKOR1_BOVIN

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/vkorc1-bovine-ovine-elisa-kits/vitamin-k-epoxide-reductase-complex-subunit-1/56316>