

General Vitamin B6 ELISA Kit | VB6 elisa kit

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CATALOG #
AAA195837

REACTIVITY
General

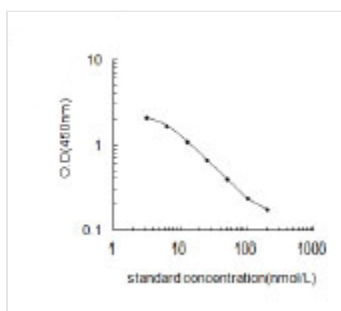
PRODUCT SYNONYMS

Vitamin B6; General Vitamin B6 ELISA Kit; VB6; VB6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	Recombinant and natural General Vitamin B6
Sequence Length	512
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Assay Type	Quantitative Competitive
Detection Range	3.12 nmol/L - 200 nmol/L
Sensitivity	< 1.26 nmol/L
Intra-assay Precision	Intra-Assay CV: <=5.3%
Inter-assay Precision	Inter-Assay CV: <=7.9%
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 VB6 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. 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 target antigen, During the reaction, target antigen in the sample or standard competes with a fixed amount of biotin-labeled target antigen for sites on a pre-coated antibody specific to target antigen. 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 target antigen 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 #	927755664
Molecular Weight	55,425 Da
NCBI Official Full Name	vitamin b6
UniProt Protein Name	Vitamin b6
UniProt Gene Name	FLAG1_07972
UniProt Entry Name	A0A0M9EST0_9HYPO

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/vb6-general-elisa-kits/vitamin-b6/195837>