

## General VB6 ELISA Kit | VB6 elisa kit

VB6 (Vitamin B6) ELISA Kit

CATALOG #  
**AAA163835**

REACTIVITY  
**General**

### PRODUCT SYNONYMS

VB6; VB6 (Vitamin B6) ELISA Kit; VB6 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | General                                                                                                                                                           |
| Specificity             | This kit recognizes VA in samples. No Significant cross-reactivity or interference between VA and analogues was observed.                                         |
| Samples                 | Serum, Plasma And Other Biological Fluids                                                                                                                         |
| Assay Type              | Quantitative Competitive                                                                                                                                          |
| Detection Range         | 0.16-10 ng/mL                                                                                                                                                     |
| Sensitivity             | 0.09 ng/mL                                                                                                                                                        |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level VA were tested 20 times on one plate, respectively                |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level VA were tested on 3 different plates, 20 replicates in each plate. |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                              |

### ADDITIONAL INFORMATION

#### Related Product Information for VB6 elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of VA concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with VA. During the reaction, VA in the sample or standard competes with a fixed amount of VA on the solid phase supporter for sites on the Biotinylated Detection Ab specific to VA. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are 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 stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of VA in the samples is then determined by comparing the OD of the samples to the standard curve.

**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/general-elisa-kits/vb6/163835>