

General 25-HVD3 ELISA Kit | 25-HVD3 elisa kit

25-HVD3 (25-Hydroxy Vitamin D3) ELISA Kit

CATALOG #
AAA165042

REACTIVITY
General

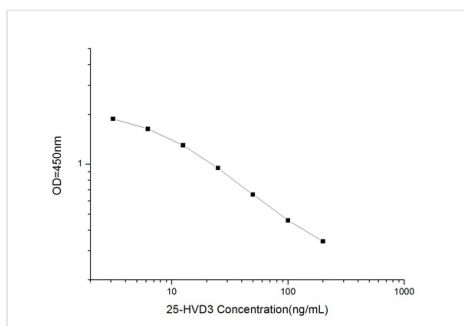
PRODUCT SYNONYMS

25-HVD3; 25-HVD3 (25-Hydroxy Vitamin D3) ELISA Kit; 25-HVD3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes 25-HVD3 in samples. No significant cross-reactivity or interference between 25- HVD3 and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	3.13-200ng/mL
Sensitivity	1.88ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level 25-HVD3 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 25-HVD3 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 25-HVD3 elisa kit	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 25-HVD3. During the reaction, 25-HVD3 in the sample or standard competes with a fixed amount of 25- HVD3 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to 25-HVD3. 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 25-HVD3 in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of 25-HVD3 concentrations in serum, plasma and other biological fluids.
--	--

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/general-elisa-kits/25-hvd3/165042>