

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

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

CATALOG #
AAA250672

REACTIVITY
General

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of 25-HVD3. No significant crossreactivity or interference between 25-HVD3 and analogues was observed.
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for 25-HVD3 elisa kit

Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with target. During the reaction, target in the sample or standard competes with a fixed amount of target on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to target. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then 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 450nm. The concentration of target 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/25-hvd3-25-hydroxy-vitamin-d3/250672>