

General 25-OH Vitamin D ELISA Kit | 25OHVD elisa kit

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CATALOG #
AAA310045

REACTIVITY
General

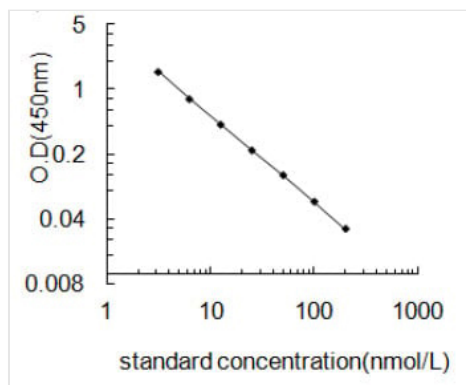
PRODUCT SYNONYMS

25-OH Vitamin D; General 25-OH Vitamin D ELISA Kit; 25OHVD; Calcifediol; Calcidiol; 25OHVD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay recognizes recombinant and natural General 25-HVD3. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	3.12-200 nmol/L
Sensitivity	< 0.78 nmol/L
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 25OHVD elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general 25-Dihydroxy vitamin D3,25-HVD3 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and 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 25-HVD3. During the reaction, 25-HVD3 in the sample or standard competes with a fixed amount of biotin-labeled 25-HVD3 for sites on a pre-coated Monoclonal antibody specific to 25-HVD3. 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 25-HVD3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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/25ohvd-general-elisa-kits/25-oh-vitamin-d/310045>