

Rat Vitamin D2 (VD2) ELISA Kit | VD2 elisa kit

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CATALOG #
AAA330147

REACTIVITY
Rat

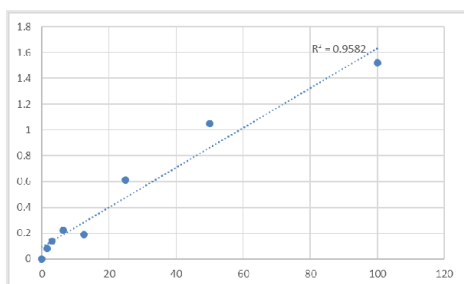
PRODUCT SYNONYMS

Vitamin D2 (VD2); Rat Vitamin D2 (VD2) ELISA Kit; VD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Rat Vitamin D2 (VD2) ELISA Kit has high sensitivity and excellent specificity for detection of Rat VD2. No significant cross-reactivity or interference between Rat VD2 and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Rat Vitamin D2 (VD2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for VD2 elisa kit	Description: This Rat Vitamin D2 (VD2) ELISA Kit employs a two-site sandwich ELISA to quantitate VD2 in samples. An antibody specific for VD2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VD2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VD2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of VD2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Ergocalciferol, also known as vitamin D2 and calciferol, is a type of vitamin D found in food and used as a dietary supplement. As a supplement it is used to prevent and treat vitamin D deficiency. This includes vitamin D deficiency due to poor absorption by the intestines or liver disease. It may also be used for low blood calcium due to hypoparathyroidism. It is used by mouth or injection into a muscle.
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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/rat-elisa-kits/vitamin-d2-vd2/330147>