

Canine Vitamin D Receptor ELISA Kit | VD R elisa kit

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CATALOG #
AAA90666

REACTIVITY
Canine

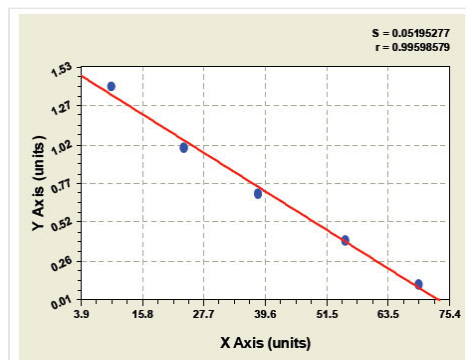
PRODUCT SYNONYMS

Vitamin D Receptor; Canine Vitamin D Receptor ELISA Kit; VD R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This VD R ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine VD R. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VD R elisa kit

Principle of the Assay: VD R ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VD R antibody and an VD R-HRP conjugate. The assay sample and buffer are incubated together with VD R-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the VD R concentration since VD R from samples and VD R-HRP conjugate compete for the anti-VD R antibody binding site. Since the number of sites is limited, as more sites are occupied by VD R from the sample, fewer sites are left to bind VD R-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VD R concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4262865
NCBI Official Full Name	vitamin D receptor, partial

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/vd-r-canine-elisa-kits/vitamin-d-receptor/90666>