

Rat Vitamin D3 receptor ELISA Kit | Vdr elisa kit

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CATALOG #
AAA99284

REACTIVITY
Rat

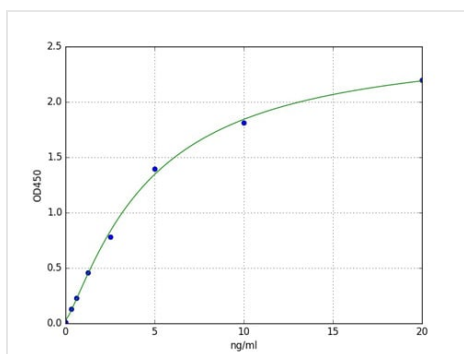
PRODUCT SYNONYMS

Vitamin D3 receptor; Rat Vitamin D3 receptor ELISA Kit; Vdr/NR1H1/Nuclear receptor subfamily 1 group I member 1/1; 25-dihydroxyvitamin D3 receptor/vitamin D1; 25- dihydroxyvitamin D3 receptor/vitamin D3 receptor; Vdr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	477
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Rat VDR ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.038	0.119	0.201	0.366	0.606	1.062	1.194	2.071

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Vdr elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat VDR antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat VDR antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat VDR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat VDR can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	323714265
NCBI GeneID	7421
NCBI Accession #	NP_001017536.1
NCBI GenBank Nucleotide #	NM_001017536.1
Molecular Weight	53,883 Da
NCBI Official Full Name	vitamin D3 receptor isoform VDRB1
NCBI Official Synonym Full Names	vitamin D (1,25- dihydroxyvitamin D3) receptor
NCBI Official Symbol	VDR
NCBI Official Synonym Symbols	NR1I1; PPP1R163
NCBI Protein Information	vitamin D3 receptor
UniProt Protein Name	Vitamin D3 receptor
UniProt Gene Name	VDR
UniProt Synonym Gene Names	NR1I1; VDR
UniProt Entry Name	VDR_HUMAN

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/vdr-rat-elisa-kits/vitamin-d3-receptor/99284>