

Human Vitamin D3 receptor ELISA Kit | VDR elisa kit

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CATALOG #
AAA57401

REACTIVITY
Human

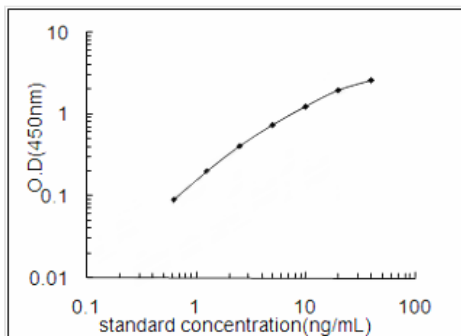
PRODUCT SYNONYMS

Vitamin D3 receptor; Human Vitamin D3 receptor ELISA Kit; VDR; 1; 25-dihydroxyvitamin D3 receptor; Nuclear receptor subfamily 1 group I member 1; NR1I1; VDR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural humanVDR. No significant cross-reactivity or interference was observed.
Sequence Length	427
Assay Type	Sandwich
Detection Range	0.624-40 ng/mL
Sensitivity	0.16 ng/mL
Intra-Assay CV	<=5.8%
Inter-Assay CV	<=9.4%
Recovery	101%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VDR elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human VDR concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to VDR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for VDR and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain VDR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 VDR in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507883
NCBI GeneID	7421
NCBI Accession #	NP_000367.1
NCBI GenBank Nucleotide #	NM_000376.2
UniProt Accession #	P11473; Q5PSV3; B2R5Q1; G3V1V9
Molecular Weight	53,883 Da
NCBI Official Full Name	vitamin D3 receptor isoform VDRA
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-human-elisa-kits/vitamin-d3-receptor/57401>