

Human VDR ELISA Kit | VDR elisa kit

Human VDR (Vitamin D Receptor) ELISA Kit

CATALOG #
AAA164277

REACTIVITY
Human

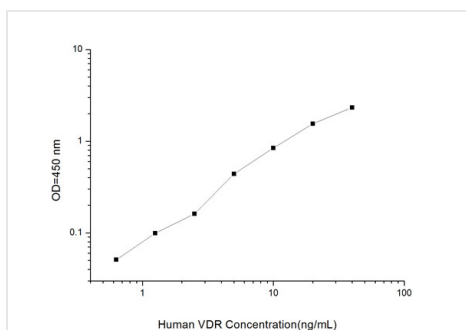
PRODUCT SYNONYMS

VDR; Human VDR (Vitamin D Receptor) ELISA Kit; VDR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human VDR in samples. No significant cross-reactivity or interference between Human VDR and analogues was observed.
Sequence Length	477
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.63-40ng/mL
Sensitivity	0.38ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human VDR were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human VDR were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VDR elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human VDR concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human VDR. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human VDR and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human VDR, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human VDR. You can calculate the concentration of Human VDR in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	323714265
NCBI GeneID	7421
NCBI Accession #	NP_001017536.1
NCBI GenBank Nucleotide #	NM_001017536.1
UniProt Accession #	P11473; Q5PSV3; B2R5Q1; G3V1V9
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; 1,25-dihydroxyvitamin D3 receptor; nuclear receptor subfamily 1 group I member 1; protein phosphatase 1, regulatory subunit 163; vitamin D nuclear receptor variant 1
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.