

Human vitamin D (1, 25- dihydroxyvitamin D3) receptor ELISA Kit | VDR elisa kit

Human Vitamin D Receptor, VD R ELISA Kit

CATALOG #
AAA15621

REACTIVITY
Human

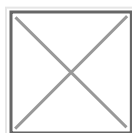
PRODUCT SYNONYMS

vitamin D (1; 25- dihydroxyvitamin D3) receptor; Human Vitamin D Receptor; VD R ELISA Kit; NR1I1; 25-dihydroxyvitamin D3) receptor; VDR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human VD R. No significant cross-reactivity or interference between human VD R and analogues was observed.
Sequence Length	427
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	< 1.56 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VDR elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for VD R has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VD R present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VD R is added to the wells. After washing, avidin 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 VD R bound in the initial step. The color development is stopped and the intensity of the color is measured.

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	48,289 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; 1,25-dihydroxyvitamin D3 receptor; vitamin D nuclear receptor variant 1; nuclear receptor subfamily 1 group I member 1; protein phosphatase 1, regulatory subunit 163
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/vdr-human-elisa-kits/vitamin-d-1-25-dihydroxyvitamin-d3-receptor/15621>