

Mouse Vitamin D (VD) ELISA Kit | VD elisa kit

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CATALOG #
AAA54050

REACTIVITY
Mouse

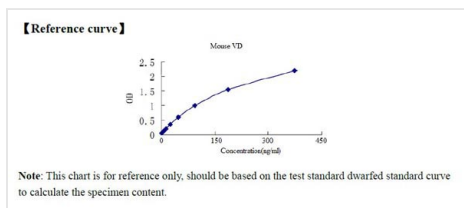
PRODUCT SYNONYMS

Vitamin D (VD); Mouse Vitamin D (VD) ELISA Kit; VD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	501
Samples	Mouse serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant VD concentration
Assay Type	Sandwich
Detection Range	400 ng/ml-6.25 ng/ml
Sensitivity	0.8 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VD elisa kit

Principle of the assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Mouse VD monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45267826
NCBI GeneID	120227

NCBI Accession #	NP_078790.2
NCBI GenBank Nucleotide #	NM_024514.4
Molecular Weight	57,359 Da
NCBI Official Full Name	vitamin D 25-hydroxylase
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily R, polypeptide 1
NCBI Official Symbol	CYP2R1
NCBI Protein Information	vitamin D 25-hydroxylase; cytochrome P450 2R1; cytochrome P450, family 2, R1
UniProt Protein Name	Vitamin D 25-hydroxylase
UniProt Gene Name	CYP2R1
UniProt Entry Name	CP2R1_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/mouse-elisa-kits/vitamin-d-vd/54050>