

Human Diphosphomevalonate decarboxylase (MVD) ELISA Kit | MVD elisa kit

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CATALOG #
AAA44072

REACTIVITY
Human

PRODUCT SYNONYMS

Diphosphomevalonate decarboxylase (MVD); Human Diphosphomevalonate decarboxylase (MVD) ELISA Kit; MVD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	400
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.026ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MVD elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Diphosphomevalonate Decarboxylase (also known as MVD) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MVD antibody. MVD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MVD Antibody is added and binds to MVD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MVD antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human MVD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505289
NCBI GeneID	4597
NCBI Accession #	NP_002452.1
NCBI GenBank Nucleotide #	NM_002461.2
UniProt Accession #	P53602; Q53Y65
Molecular Weight	43,405 Da
NCBI Official Full Name	diphosphomevalonate decarboxylase
NCBI Official Synonym Full Names	mevalonate diphosphate decarboxylase
NCBI Official Symbol	MVD
NCBI Official Synonym Symbols	MPD; MDDase; POROK7; FP17780
NCBI Protein Information	diphosphomevalonate decarboxylase
UniProt Protein Name	Diphosphomevalonate decarboxylase
UniProt Gene Name	MVD
UniProt Synonym Gene Names	MPD; MDDase

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/human-elisa-kits/diphosphomevalonate-decarboxylase-mvd/44072>