

Human Dipeptidyl Peptidase 6 (DPP6) ELISA Kit | DPP6 elisa kit

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CATALOG #
AAA65448

REACTIVITY
Human

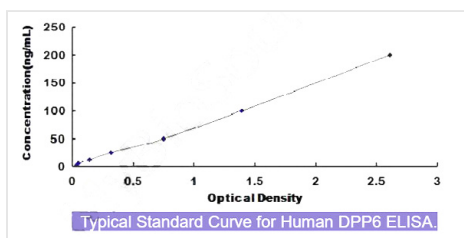
PRODUCT SYNONYMS

Dipeptidyl Peptidase 6 (DPP6); Human Dipeptidyl Peptidase 6 (DPP6) ELISA Kit; DPPX; Dipeptidylpeptidase 6; Dipeptidyl aminopeptidase-like protein 6; Dipeptidyl aminopeptidase-related protein; Dipeptidyl peptidase IV-like protein; DPP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DPP6. No significant cross-reactivity or interference between DPP6 and analogues was observed.
Sequence Length	801
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	< 1.08ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DPP6 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level DPP6 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPP6 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DPP6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DPP6. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain DPP6, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of DPP6 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of DPP6 in human serum, plasma, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	86792863
NCBI GeneID	1804
NCBI Accession #	NP_001034439.1
NCBI GenBank Nucleotide #	NM_001039350.2
UniProt Accession #	A7E2E4; P42658
Molecular Weight	91,288 Da
NCBI Official Full Name	dipeptidyl aminopeptidase-like protein 6 isoform 3
NCBI Official Synonym Full Names	dipeptidyl peptidase like 6
NCBI Official Symbol	DPP6
NCBI Official Synonym Symbols	VF2; DPL1; DPPX; MRD33
NCBI Protein Information	dipeptidyl aminopeptidase-like protein 6
UniProt Protein Name	Dipeptidyl-peptidase 6
UniProt Gene Name	DPP6

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.