

Human Dipeptidyl Peptidase 8 (DPP8) ELISA Kit | DPP8 elisa kit

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CATALOG #
AAA67275

REACTIVITY
Human

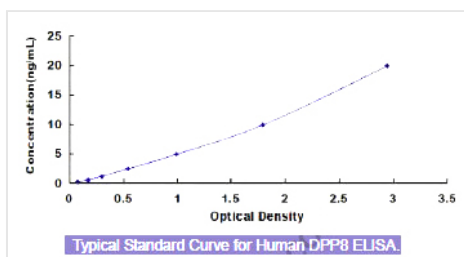
PRODUCT SYNONYMS

Dipeptidyl Peptidase 8 (DPP8); Human Dipeptidyl Peptidase 8 (DPP8) ELISA Kit; DP8; DPRP1; MSTP141; MSTP097; MSTP135; dipeptidylpeptidase 8; Dipeptidyl Peptidase IV-Related Protein-1; Prolyl Dipeptidase DPP VIII; DPP8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DPP8. No significant cross-reactivity or interference between DPP8 and analogues was observed.
Sequence Length	898
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.117ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DPP8 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 DPP8 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 DPP8 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DPP8 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DPP8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DPP8. 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 DPP8, 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 DPP8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1003701562
NCBI GeneID	54878
NCBI Accession #	NP_001307804.1
NCBI GenBank Nucleotide #	NM_001320875.1
UniProt Accession #	Q6V1X1; Q7Z4C8; Q7Z4D3; Q7Z4E1; Q8IWG7; Q8NEM5; Q96JX1; Q9HBM2; Q9HBM3; Q9HBM4; Q9HBM5; Q9NXF4
Molecular Weight	83,398 Da
NCBI Official Full Name	dipeptidyl peptidase 8 isoform 3
NCBI Official Synonym Full Names	dipeptidyl peptidase 8
NCBI Official Symbol	DPP8
NCBI Official Synonym Symbols	DP8; DPRP1; DPRP-1; MST097; MSTP097; MSTP135; MSTP141
NCBI Protein Information	dipeptidyl peptidase 8
UniProt Protein Name	Dipeptidyl peptidase 8
UniProt Gene Name	DPP8
UniProt Synonym Gene Names	DPRP1; DP8; DPRP-1; DPP VIII

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.