

Human Inactive dipeptidyl peptidase 10 ELISA Kit | DPP10 elisa kit

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CATALOG #
AAA98630

REACTIVITY
Human

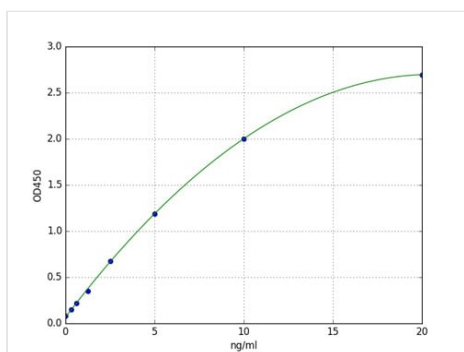
PRODUCT SYNONYMS

Inactive dipeptidyl peptidase 10; Human Inactive dipeptidyl peptidase 10 ELISA Kit; DPP10 (Dipeptidyl peptidase X)/DPL2/DPP X/DPPY/DPRP3/DPRP-3/dipeptidyl peptidase 10/Dipeptidyl peptidase IV-related protein 3/dipeptidyl peptidase like protein 2/dipeptidyl-peptidase 10 (non-functional)/DPRP3dipeptidylpeptidase 10; DPP10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	746
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human DPP10 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.012	0.057	0.103	0.183	0.335	0.804	1.259	2.095

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPP10 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human DPP10 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human DPP10 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human DPP10 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human DPP10 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295849272
NCBI GeneID	57628
NCBI Accession #	NP_001171507.1
NCBI GenBank Nucleotide #	NM_001178036.1
Molecular Weight	85,480 Da
NCBI Official Full Name	inactive dipeptidyl peptidase 10 isoform a
NCBI Official Synonym Full Names	dipeptidyl peptidase like 10
NCBI Official Symbol	DPP10
NCBI Official Synonym Symbols	DPL2; DPPY; DPRP3; DPRP-3
NCBI Protein Information	inactive dipeptidyl peptidase 10
UniProt Protein Name	Inactive dipeptidyl peptidase 10
UniProt Gene Name	DPP10
UniProt Synonym Gene Names	DPRP3; KIAA1492; DPRP-3; DPP X; DPL2
UniProt Entry Name	DPP10_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/dpp10-human-elisa-kits/inactive-dipeptidyl-peptidase-10/98630>