

Human Dipeptidyl peptidase 2 ELISA Kit | DPP7 elisa kit

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CATALOG #
AAA99970

REACTIVITY
Human

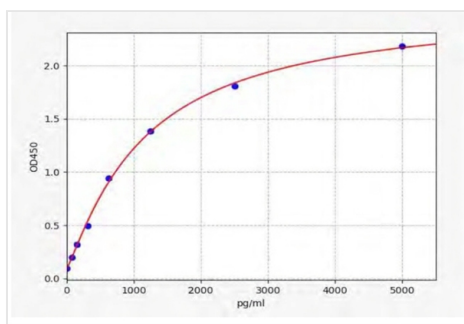
PRODUCT SYNONYMS

Dipeptidyl peptidase 2; Human Dipeptidyl peptidase 2 ELISA Kit; DPP7/DPPII/QPP/carboxytripeptidase/Dipeptidyl aminopeptidase II/dipeptidyl arylamidase II/dipeptidyl peptidase 2/Dipeptidyl peptidase 7/Dipeptidyl peptidase II/dipeptidyl-peptidase 7/DPP2/Quiescent cell proline dipeptidase; DPP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DPP7. No significant cross-reactivity or interference between DPP7 and analogues was observed.
Sequence Length	492
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for DPP7 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62420888
NCBI GeneID	29952
NCBI Accession #	NP_037511.2
NCBI GenBank Nucleotide #	NM_013379.2
Molecular Weight	54,341 Da
NCBI Official Full Name	dipeptidyl peptidase 2 preproprotein
NCBI Official Synonym Full Names	dipeptidyl-peptidase 7
NCBI Official Symbol	DPP7
NCBI Official Synonym Symbols	QPP; DPP2; DPPII
NCBI Protein Information	dipeptidyl peptidase 2
UniProt Protein Name	Dipeptidyl peptidase 2
UniProt Gene Name	DPP7
UniProt Synonym Gene Names	DPP2; QPP; DPP II
UniProt Entry Name	DPP2_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/dpp7-human-elisa-kits/dipeptidyl-peptidase-2/99970>