

Human Dipeptidyl Peptidase 2, DPP7 ELISA Kit | DPP7 elisa kit

Human Dipeptidyl Peptidase 2, DPP7 Primacu ELISA Kit

CATALOG #
AAA124168

REACTIVITY
Human

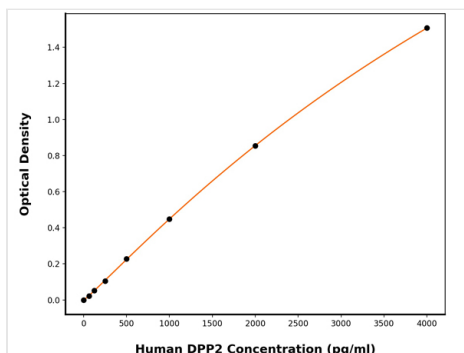
PRODUCT SYNONYMS

Dipeptidyl Peptidase 2; DPP7; Human Dipeptidyl Peptidase 2; DPP7 Primacu ELISA Kit; Dipeptidyl peptidase 2; DPP2; QPP; DPP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	62.5-4000pg/mL
Sensitivity	19.9pg/mL
Standard Solution	40ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for DPP7 elisa kit

DPP7 (dipeptidylpeptidase 7), also known as DPPII and DPP2, is a post-proline cleaving aminopeptidase expressed in quiescent lymphocytes. Dipeptidyl peptidases (DPPs) have post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. DPPs mediate regulatory activity of their substrates and have been linked to a variety of diseases including type 2 diabetes, obesity and cancer. DPPs can bind specific voltage-gated potassium channels and alter their expression and biophysical properties and may also influence T cells. DPP proteins include DPRP1, DPRP2, DPP3, DPP7, DPP10, DPPX and CD26. It localizes to lysosomes. DPP7 localizes to lysosomes and exists as a homodimer via its leucine zipper motif and is involved in the degradation of oligopeptides. In response to calcium release, it can be secreted in its active form. It is essential for lymphocyte survival, as the inhibition of DPP7 results in quiescent cell apoptosis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62420888
NCBI GeneID	29952
UniProt Accession #	Q9UHL4; Q5VSF1; Q969X4; A8K7U7
NCBI Official Full Name	dipeptidyl peptidase 2 preproprotein [Homo sapiens]
NCBI Official Synonym Full Names	dipeptidyl-peptidase 7
NCBI Official Symbol	DPP7
NCBI Official Synonym Symbols	QPP; DPP2; DPPII; DPP7
UniProt Protein Name	Dipeptidyl peptidase 2
UniProt Gene Name	DPP7
UniProt Synonym Gene Names	DPP2; QPP
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.