

Mouse CD26/DPP4 ELISA Kit | DPP4 elisa kit

Mouse CD26/DPP4 PicoKine ELISA Kit

CATALOG #
AAA45538

REACTIVITY
Mouse

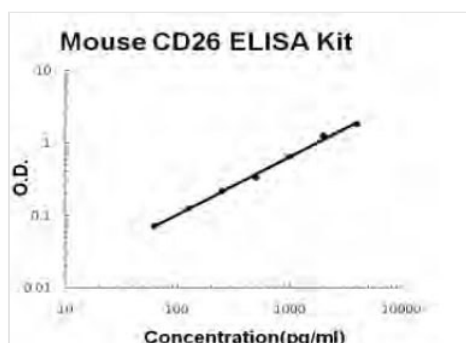
PRODUCT SYNONYMS

CD26/DPP4; Mouse CD26/DPP4 PicoKine ELISA Kit; Dipeptidyl peptidase 4; dipeptidyl-peptidase 4; ADABP; ADCP-2; ADCP2; Adenosine deaminase complexing protein 2; CD26; Dipeptidyl peptidase 4 soluble form; Dipeptidyl peptidase IV; Dipeptidyl peptidase IV membrane form; Dipeptidyl peptidase IV soluble form; Dipeptidylpeptidase 4; DPP 4; DPP IV; DPP4; DPP4_HUMAN; DPP4; T-cell activation antigen CD26; TP103; DPP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Dpp4
Sequence Length	760
Samples	Cell culture supernates, cell lysates, serum and plasma (heparin, edta)
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess interassay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPP4 elisa kit	Principle of the Assay: The Picokine™ Mouse Dpp4 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Dpp4 with a 96-well strip plate that is pre-coated with antibody specific for Dpp4. The detection antibody is a biotinylated antibody specific for Dpp4. The capture antibody is monoclonal antibody from rat, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Mouse Dpp4 with immunogen: Expression system for standard: NSO; Immunogen sequence: S29-H760. The kit is analytically validated with ready to use reagents. To measure Mouse Dpp4, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Mouse Dpp4 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Dpp4 in the sample. Background/Introduction: Dipeptidyl peptidase-4(DPP4), also known as adenosine deaminase complexing protein 2 or CD26(cluster of differentiation 26) is a protein that, in humans, is encoded by the DPP4 gene. By fluorescence in situ hybridization, the CD26 gene was mapped to 2q24.3. DPP4 plays a major role in glucose metabolism. It is responsible for the degradation of incretins such as GLP-1. Furthermore, it appears to work as a suppressor in the development of cancer and tumours. CD26/ DPP4 plays an important role in tumor biology, and is useful as a marker for various cancers, with its levels either on the cell surface or in the serum increased in some neoplasms and decreased in others.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	1352312
NCBI GeneID	13482
UniProt Accession #	P28843; Q3U514
Molecular Weight	87,437 Da
NCBI Official Full Name	Dipeptidyl peptidase 4
NCBI Official Synonym Full Names	dipeptidylpeptidase 4
NCBI Official Symbol	Dpp4
NCBI Official Synonym Symbols	Cd26; THAM; Dpp-4
NCBI Protein Information	dipeptidyl peptidase 4; DPP IV; dipeptidyl peptidase IV; thymocyte-activating molecule; T-cell activation antigen CD26
UniProt Protein Name	Dipeptidyl peptidase 4
UniProt Gene Name	Dpp4
UniProt Synonym Gene Names	Cd26; DPP IV; THAM
UniProt Entry Name	DPP4_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cd26-dpp4/45538>