

Rat Dipeptidyl Peptldase IV ELISA Kit | DPPIV elisa kit

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CATALOG #
AAA98564

REACTIVITY
Rat

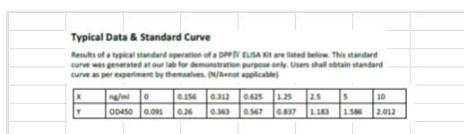
PRODUCT SYNONYMS

Dipeptidyl Peptldase IV; Rat Dipeptidyl Peptldase IV ELISA Kit; Dpp4/CD26/ADABP/ADCP-2/ADCP2DPP IV/Adenosine deaminase complexing protein 2TP103/CD26 antigen/CD26T-cell activation antigen CD26/dipeptidyl peptidase 4/Dipeptidyl peptidase IV/dipeptidylpeptidase 4/dipeptidylpeptidase IV (CD26; adenosine deaminase complexing protein 2)/DPPIV/DPPIV; DPPIV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of DPPIV. No significant cross-reactivity or interference between DPPIV and analogues was observed.
Sequence Length	834
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DPP IV were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level DPP IV were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: 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 DPPIV elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-DPPIV antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- DPPIV 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 DPPIV amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of DPPIV can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32471304
NCBI Accession #	NP_864297.1
NCBI GenBank Nucleotide #	NC_005027.1
NCBI Official Full Name	dipeptidyl peptidase IV

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/dppiv-rat-elisa-kits/dipeptidyl-peptidase-iv/98564>