

Rat dipeptidyl-peptidase 4 ELISA Kit | DPP4 elisa kit

Rat dipeptidyl peptidase IV, DPPIV ELISA Kit

CATALOG #
AAA15060

REACTIVITY
Rat

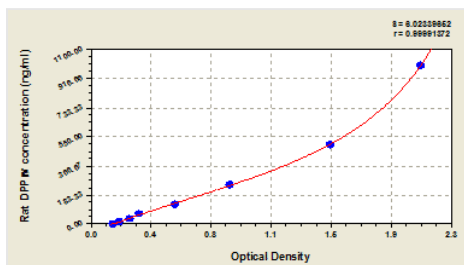
PRODUCT SYNONYMS

dipeptidyl-peptidase 4; Rat dipeptidyl peptidase IV; DPPIV ELISA Kit; ADABP; ADCP2; CD26; DPPIV; TP103; T-cell activation antigen CD26; adenosine deaminase complexing protein 2; dipeptidylpeptidase 4; dipeptidylpeptidase IV; dipeptidylpeptidase IV (CD26; adenosine deamina; DPP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat DPPIV. No significant cross-reactivity or interference between rat DPPIV and analogues was observed.
Sequence Length	767
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.78 ng/ml-50 ng/ml
Sensitivity	< 0.195 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPP4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for DPPIV has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DPPIV present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DPPIV is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of DPPIV bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978773
NCBI GeneID	25253
NCBI Accession #	NP_036921.1
NCBI GenBank Nucleotide #	NM_012789.1
UniProt Accession #	P14740
Molecular Weight	88,089 Da
NCBI Official Full Name	dipeptidyl peptidase 4
NCBI Official Synonym Full Names	dipeptidylpeptidase 4
NCBI Official Symbol	Dpp4
NCBI Official Synonym Symbols	CD26; DPPIV
NCBI Protein Information	dipeptidyl peptidase 4; DPP IV; GP110 glycoprotein; dipeptidyl peptidase IV; T-cell activation antigen CD26; bile canaliculus domain-specific membrane glycoprotein
UniProt Protein Name	Dipeptidyl peptidase 4
UniProt Gene Name	Dpp4
UniProt Synonym Gene Names	Cd26; DPP IV
UniProt Entry Name	DPP4_RAT

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/dpp4-rat-elisa-kits/dipeptidyl-peptidase-4/15060>