

Monkey Dipeptidyl Peptidase IV ELISA Kit | DPP4 elisa kit

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CATALOG #
AAA91807

REACTIVITY
Monkey

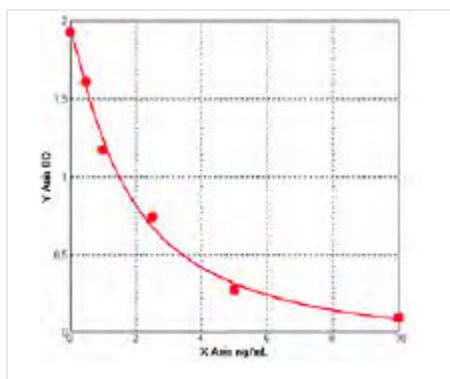
PRODUCT SYNONYMS

Dipeptidyl Peptidase IV; Monkey Dipeptidyl Peptidase IV ELISA Kit; DPP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPP4 elisa kit

Intended Uses: This DNase B Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human DNase B Ab. This ELISA kit for research use only!

Principle of the Assay: DNase B Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing Deoxyribonuclease B antigen and an DNase B Ab-HRP conjugate. The assay sample and buffer are incubated together with DNase B Ab-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DNase B Ab concentration since DNase B Ab from samples and DNase B Ab-HRP conjugate compete for the Deoxyribonuclease B antigen binding site. Since the number of sites is limited, as more sites are occupied by DNase B Ab from the sample, fewer sites are left to bind DNase B Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DNase B Ab concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18765694
NCBI GeneID	1803
NCBI Accession #	NP_001926.2
NCBI GenBank Nucleotide #	NM_001935.3
Molecular Weight	88,279 Da
NCBI Official Full Name	dipeptidyl peptidase 4
NCBI Official Synonym Full Names	dipeptidyl-peptidase 4
NCBI Official Symbol	DPP4
NCBI Official Synonym Symbols	CD26; ADABP; ADCP2; DPPIV; TP103
NCBI Protein Information	dipeptidyl peptidase 4; ADCP-2; DPP IV; dipeptidylpeptidase 4; dipeptidyl peptidase IV; T-cell activation antigen CD26; adenosine deaminase complexing protein 2; dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2)
UniProt Protein Name	Dipeptidyl peptidase 4
UniProt Gene Name	DPP4
UniProt Synonym Gene Names	ADCP2; CD26; ADCP-2; DPP IV
UniProt Entry Name	DPP4_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/dpp4-monkey-elisa-kits/dipeptidyl-peptidase-iv/91807>