

Human Dipeptidyl peptidase 1 ELISA Kit | CTSC elisa kit

Human Dipeptidyl peptidase 1 ELISA Kit

CATALOG #
AAA98232

REACTIVITY
Human

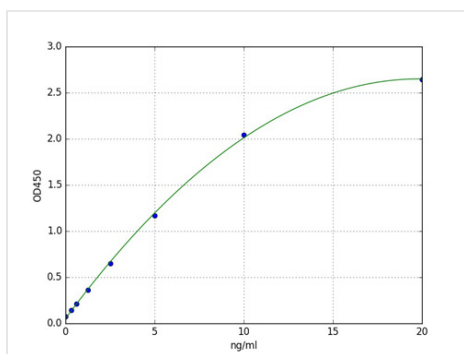
PRODUCT SYNONYMS

Dipeptidyl peptidase 1; Human Dipeptidyl peptidase 1 ELISA Kit; CTSC/DPPI/PALS/PLS/cathepsin C/EC 3.4.14.1/Cathepsin J/CPPIHMS/dipeptidyl peptidase 1/Dipeptidyl peptidase I/Dipeptidyl transferase/dipeptidyl-peptidase I/DPP1/DPPI/DPP-I/JP/JPD; CTSC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	463
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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 CTSC elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human CTSC antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CTSC antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human CTSC amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CTSC can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189083844
NCBI GeneID	1075
NCBI Accession #	NP_001805.3
NCBI GenBank Nucleotide #	NM_001814.5
Molecular Weight	15,700 Da
NCBI Official Full Name	dipeptidyl peptidase 1 isoform a preproprotein
NCBI Official Synonym Full Names	cathepsin C
NCBI Official Symbol	CTSC
NCBI Official Synonym Symbols	JP; HMS; JPD; PLS; CPPI; DPP1; DPPI; PALS; DPP-I; PDON1
NCBI Protein Information	dipeptidyl peptidase 1
UniProt Protein Name	Dipeptidyl peptidase 1
UniProt Gene Name	CTSC
UniProt Synonym Gene Names	CPPI; DPP-I; DPPI
UniProt Entry Name	CATC_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ctsc-human-elisa-kits/dipeptidyl-peptidase-1/98232>