

Human Carboxypeptidase N subunit 2 ELISA Kit | CPN2 elisa kit

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CATALOG #
AAA194438

REACTIVITY
Human

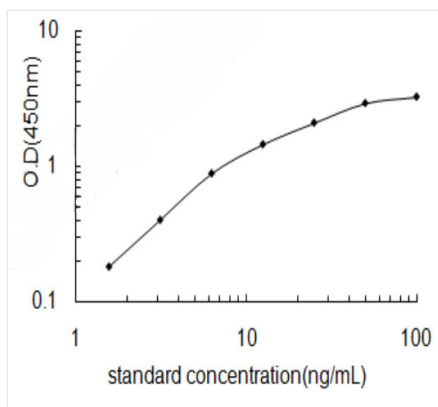
PRODUCT SYNONYMS

Carboxypeptidase N subunit 2; Human Carboxypeptidase N subunit 2 ELISA Kit; Carboxypeptidase N 83 kDa chain; Carboxypeptidase N large subunit; Carboxypeptidase N polypeptide 2; Carboxypeptidase N regulatory subunit; CPN2; ACBP; CPN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Carboxypeptidase N subunit 2
Sequence Length	545
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	1.56 ng/mL - 100 ng/mL
Sensitivity	< 0.78 ng/mL
Intra-assay Precision	<=6.1%
Inter-assay Precision	<=8.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPN2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	635172819
NCBI GeneID	1370
NCBI Accession #	NP_001073982.3
NCBI GenBank Nucleotide #	NM_001080513.3
UniProt Accession #	P22792; Q86SU4; Q8N5V4; B2RPE7
Molecular Weight	60,557 Da
NCBI Official Full Name	carboxypeptidase N subunit 2
NCBI Official Synonym Full Names	carboxypeptidase N subunit 2
NCBI Official Symbol	CPN2
NCBI Official Synonym Symbols	ACBP
NCBI Protein Information	carboxypeptidase N subunit 2
UniProt Protein Name	Carboxypeptidase N subunit 2
UniProt Gene Name	CPN2
UniProt Synonym Gene Names	ACBP
UniProt Entry Name	CPN2_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/cpn2-human-elisa-kits/carboxypeptidase-n-subunit-2/194438>