

Human Carboxypeptidase A2, CPA2 ELISA Kit | CPA2 elisa kit

Human Carboxypeptidase A2, CPA2 Primacu ELISA Kit

CATALOG #
AAA124351

REACTIVITY
Human

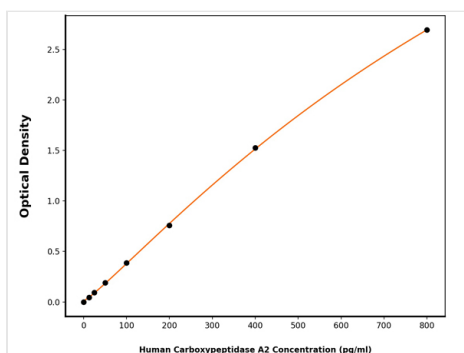
PRODUCT SYNONYMS

Carboxypeptidase A2; CPA2; Human Carboxypeptidase A2; CPA2 Primacu ELISA Kit; CPA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	12.5-800pg/mL
Sensitivity	2.27pg/mL
Standard Solution	8ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for CPA2 elisa kit

Carboxypeptidase A2 (CPA2) is a secreted pancreatic procarboxy -peptidase, and cleaves the C-terminal amide or ester bond of peptides that have a free C-terminal carboxyl group. The hydrolytic action of CPA2 was identified with a preference towards long substrates with aromatic amino acids in their C-terminal end, particularly tryptophan. CPA2 comprises a signal peptide, a pro region and a mature chain, and can be activated after cleavage of the pro peptide. Three different forms of human pancreatic procarboxypeptidase A have been isolated, and the A1 and A2 forms are always secreted as monomeric proteins with different biochemical properties.

Product Categories/Family for CPA2 elisa kit

Primacu ELISA Kit; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	217416390
NCBI GeneID	1358
NCBI Accession #	NP_001860.2
NCBI GenBank Nucleotide #	NM_001869.2
UniProt Accession #	P48052; Q53XS1; Q96A12; Q96QN3; Q9UCF1; A4D1M4; C9JIK1
Molecular Weight	47,030 Da
NCBI Official Full Name	carboxypeptidase A2
NCBI Official Synonym Full Names	carboxypeptidase A2
NCBI Official Symbol	CPA2
NCBI Protein Information	carboxypeptidase A2
UniProt Protein Name	Carboxypeptidase A2
UniProt Gene Name	CPA2

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/human-elisa-kits/carboxypeptidase-a2-cpa2/124351>