

Human Mast Cell Carboxypeptidase ELISA Kit | CPA3 elisa kit

Human Mast Cell Carboxypeptidase ELISA Kit

CATALOG #
AAA123595

REACTIVITY
Human

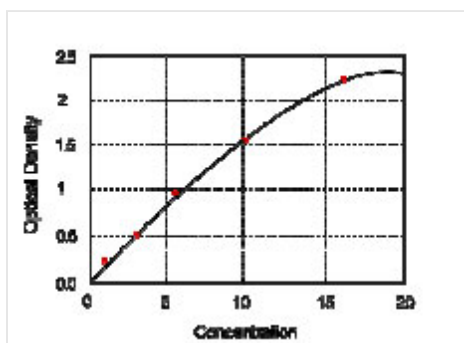
PRODUCT SYNONYMS

Mast Cell Carboxypeptidase; Human Mast Cell Carboxypeptidase ELISA Kit; CPA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	417
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.055ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPA3 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Mast Cell Carboxypeptidase in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human Mast Cell Carboxypeptidase antibody. Mast Cell Carboxypeptidase present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human Mast Cell Carboxypeptidase Antibody is added and binds to Mast Cell Carboxypeptidase in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Mast Cell Carboxypeptidase antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human Mast Cell Carboxypeptidase. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316749
NCBI GeneID	1359
NCBI GenBank Nucleotide #	NP_001861.2
UniProt Accession #	P15088
NCBI Official Full Name	mast cell carboxypeptidase A preproprotein
NCBI Official Synonym Full Names	carboxypeptidase A3
NCBI Official Symbol	CPA3
NCBI Official Synonym Symbols	MC-CPA
NCBI Protein Information	mast cell carboxypeptidase A
UniProt Protein Name	Mast cell carboxypeptidase A
UniProt Gene Name	CPA3
UniProt Synonym Gene Names	MC-CPA
UniProt Entry Name	CBPA3_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.