

Monkey Carboxypeptidase A3 (mast cell) ELISA Kit | CPA3 elisa kit

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CATALOG # AAA17092	REACTIVITY Monkey
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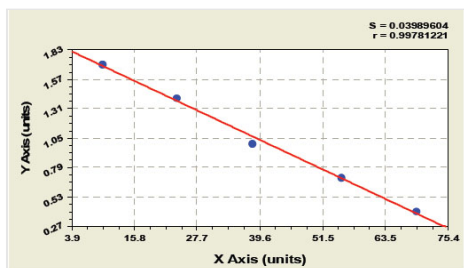
PRODUCT SYNONYMS

Carboxypeptidase A3 (mast cell); Monkey Carboxypeptidase A3 (mast cell) ELISA Kit; CPA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CPA3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CPA3. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPA3 elisa kit	Principle of the Assay: CPA3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CPA3 antibody and an CPA3-HRP conjugate. The assay sample and buffer are incubated together with CPA3-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 CPA3 concentration since CPA3 from samples and CPA3-HRP conjugate compete for the anti-CPA3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CPA3 from the sample, fewer sites are left to bind CPA3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CPA3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CPA3 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	119599308
NCBI GeneID	1359
Molecular Weight	48,670 Da
NCBI Official Full Name	carboxypeptidase A3 (mast cell)
NCBI Official Synonym Full Names	carboxypeptidase A3 (mast cell)
NCBI Official Symbol	CPA3
NCBI Official Synonym Symbols	MC-CPA
NCBI Protein Information	mast cell carboxypeptidase A; tissue 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.

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Online datasheet: <https://stage.aaabiotech.com/cpa3-monkey-elisa-kits/carboxypeptidase-a3-mast-cell/17092>