

Mouse CART prepropeptide ELISA Kit | CARTPT elisa kit

Mouse CART prepropeptide (CARTPT) ELISA Kit

CATALOG #
AAA55748

REACTIVITY
Mouse

PRODUCT SYNONYMS

CART prepropeptide; Mouse CART prepropeptide (CARTPT) ELISA Kit; CARTPT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CARTPT. No significant cross-reactivity or interference between Mouse CARTPT and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.078 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for CARTPT elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate CARTPT in Mouse serum, plasma. An antibody specific for CARTPT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CARTPT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CARTPT is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CARTPT bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Mouse CART prepropeptide (CARTPT) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	139948472
NCBI GeneID	27220
NCBI Accession #	NP_038760.3
NCBI GenBank Nucleotide #	NM_013732.7
UniProt Accession #	P56388; Q9QXZ8
Molecular Weight	12,809 Da

NCBI Official Full Name	cocaine- and amphetamine-regulated transcript protein isoform 1 preproprotein
NCBI Official Synonym Full Names	CART prepropeptide
NCBI Official Symbol	Cartpt
NCBI Official Synonym Symbols	Cart
NCBI Protein Information	cocaine- and amphetamine-regulated transcript protein
UniProt Protein Name	Cocaine- and amphetamine-regulated transcript protein
UniProt Gene Name	Cartpt
UniProt Synonym Gene Names	Cart

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://www.aaabiotech.com/cartpt-mouse-elisa-kits/cart-prepropeptide/55748>