

Human Cocaine And Amphetamine Regulated Transcript (CART) ELISA Kit | CART elisa kit

Human Cocaine And Amphetamine Regulated Transcript (CART) ELISA Kit

CATALOG #
AAA44332

REACTIVITY
Human

PRODUCT SYNONYMS

Cocaine And Amphetamine Regulated Transcript (CART); Human Cocaine And Amphetamine Regulated Transcript (CART) ELISA Kit; CART elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	116
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1000ng/L
Sensitivity	2.43ng/L
Intra-Assay	CV<8%
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 CART elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Cocaine And Amphetamine Regulated Transcript (also known as CART) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CART antibody. CART present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CART Antibody is added and binds to CART in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CART 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 CART. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	665579
NCBI GeneID	9607
Molecular Weight	12,829 Da
NCBI Official Full Name	cocaine and amphetamine regulated transcript
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cocaine-and-amphetamine-regulated-transcript-cart/44332>