

Rat High Affinity Choline Transporter (ChT) RTU ELISA Kit | ChT rtu elisa kit

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CATALOG #
AAA69780

REACTIVITY
Rat

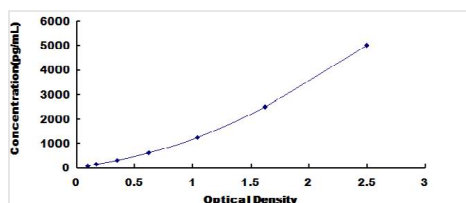
PRODUCT SYNONYMS

High Affinity Choline Transporter (ChT); Rat High Affinity Choline Transporter (ChT) ELISA Kit; SLC5A7; hCHT; CHT1; Solute Carrier Family 5 Member 7; Choline Transporter; Hemicholinium-3-sensitive choline transporter; ChT rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	580
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	28pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ChT rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ChT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ChT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ChT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of ChT in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758284
NCBI GeneID	85426
NCBI Accession #	NP_445973.1
NCBI GenBank Nucleotide #	NM_053521.1
UniProt Accession #	Q9JMD7
Molecular Weight	63,407 Da
NCBI Official Full Name	high affinity choline transporter 1
NCBI Official Synonym Full Names	solute carrier family 5 member 7
NCBI Official Symbol	Slc5a7
NCBI Official Synonym Symbols	Cht1
NCBI Protein Information	high affinity choline transporter 1
UniProt Protein Name	High affinity choline transporter 1
UniProt Gene Name	Slc5a7
UniProt Synonym Gene Names	Cht1; CHT

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/rat-rtu-elisa-kits/high-affinity-choline-transporter-cht/69780>