

Human Creatine Transporter (CRT) RTU ELISA Kit | CRT rtu elisa kit

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CATALOG #
AAA69985

REACTIVITY
Human

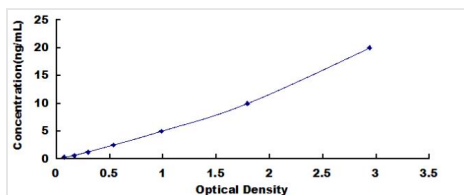
PRODUCT SYNONYMS

Creatine Transporter (CRT); Human Creatine Transporter (CRT) ELISA Kit; SLC6A8; CT1; CRTR; Sodium And Chloride Dependent Creatine Transporter 1; Solute Carrier Family 6 Member 8; CRT rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	625
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.124ng/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 CRT rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CRT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CRT. 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 CRT, 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 CRT in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218563756
NCBI GeneID	6535
NCBI Accession #	NP_001136277.1
NCBI GenBank Nucleotide #	NM_001142805.1
UniProt Accession #	P48029; Q13032; Q66I36; B2KY47; B4DIA3; E9PFC0
Molecular Weight	58,453 Da
NCBI Official Full Name	sodium- and chloride-dependent creatine transporter 1 isoform 2
NCBI Official Synonym Full Names	solute carrier family 6 member 8
NCBI Official Symbol	SLC6A8
NCBI Official Synonym Symbols	CRT; CT1; CRTR; CTR5; CCDS1
NCBI Protein Information	sodium- and chloride-dependent creatine transporter 1
UniProt Protein Name	Sodium- and chloride-dependent creatine transporter 1
UniProt Gene Name	SLC6A8
UniProt Synonym Gene Names	CT1; Creatine transporter 1

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/human-rtu-elisa-kits/creatine-transporter-crt/69985>