

Mouse Carnosine Synthase 1 (CARNS1) RTU ELISA Kit | CARNS1 rtu elisa kit

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CATALOG #
AAA69531

REACTIVITY
Mouse

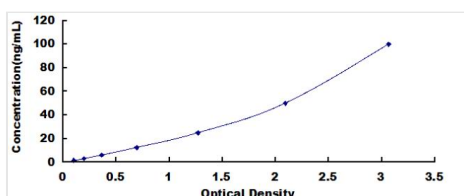
PRODUCT SYNONYMS

Carnosine Synthase 1 (CARNS1); Mouse Carnosine Synthase 1 (CARNS1) ELISA Kit; ATPGD1; ATP-Grasp Domain Containing 1; CARNS1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	827
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	1.56-100ng/mL
Sensitivity	0.63ng/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 CARNS1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CARNS1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CARNS1. 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 CARNS1, 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 CARNS1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

569005521

NCBI GeneID	107239
NCBI Accession #	XP_006531682.1
NCBI GenBank Nucleotide #	XM_006531619.2
UniProt Accession #	Q6ZPS2 ; Q8CIK7 ; Q8VE56
Molecular Weight	35,783 Da
NCBI Official Full Name	carnosine synthase 1 isoform X3
NCBI Official Synonym Full Names	carnosine synthase 1
NCBI Official Symbol	Carns1
NCBI Official Synonym Symbols	Atpgd1; AI790298; mKIAA1394
NCBI Protein Information	carnosine synthase 1
UniProt Protein Name	Carnosine synthase 1
UniProt Gene Name	Carns1
UniProt Synonym Gene Names	Atpgd1; Kiaa1394

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://www.aaabiotech.com/mouse-rtu-elisa-kits/carnosine-synthase-1-carns1/69531>