

Human Carnosine synthase 1 ELISA Kit | CARNS1 elisa kit

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CATALOG #
AAA196429

REACTIVITY
Human

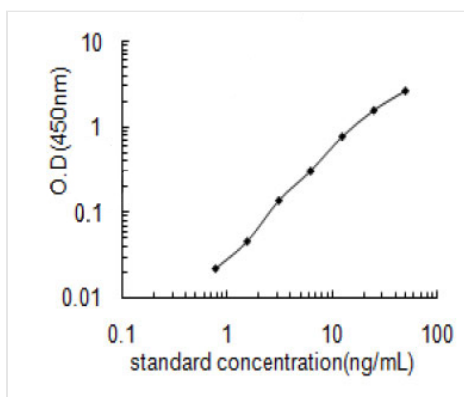
PRODUCT SYNONYMS

Carnosine synthase 1; Human Carnosine synthase 1 ELISA Kit; CARNS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Carnosine synthase 1
Sequence Length	930
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	<0.4 ng/mL
Intra-assay Precision	<=7.9%
Inter-assay Precision	<=10.2%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CARNs1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289326038
NCBI GeneID	100359387
NCBI Accession #	NP_001166064.1
NCBI GenBank Nucleotide #	NM_001172593.1
Molecular Weight	100,060 Da
NCBI Official Full Name	carnosine synthase 1
NCBI Official Synonym Full Names	carnosine synthase 1
NCBI Official Symbol	CARNs1
NCBI Official Synonym Symbols	ATPGD1
NCBI Protein Information	carnosine synthase 1
UniProt Protein Name	Carnosine synthase 1
UniProt Gene Name	CARNs1

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.