

General Car ELISA Kit | Car elisa kit

Car (Carnosine) ELISA Kit

CATALOG #
AAA166024

REACTIVITY
General

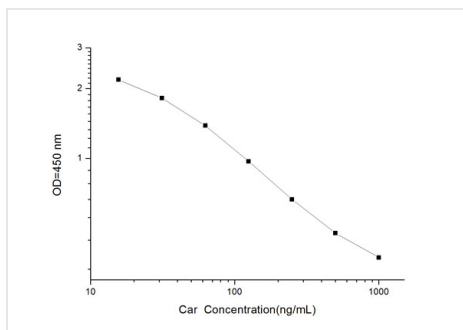
PRODUCT SYNONYMS

Car; Car (Carnosine) ELISA Kit; Car elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes Car in samples. No significant cross-reactivity or interference between Car and analogues was observed.
Sequence Length	407
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	15.63-1000ng/mL
Sensitivity	9.38ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Car were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Car were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Car elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Car concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Car. During the reaction, Car in the sample or standard competes with a fixed amount of Car on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Car. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Car in the samples is then determined by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13124899
Molecular Weight	47,333 Da
NCBI Official Full Name	CAR
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM13
UniProt Gene Name	TRIM13
UniProt Synonym Gene Names	LEU5; RFP2; RNF77
UniProt Entry Name	TRI13_HUMAN

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/general-elisa-kits/car/166024>