

Human OCT ELISA Kit | OCT elisa kit

Human OCT (Ornithine Carbamoyl Transferase) ELISA Kit

CATALOG #
AAA163392

REACTIVITY
Human

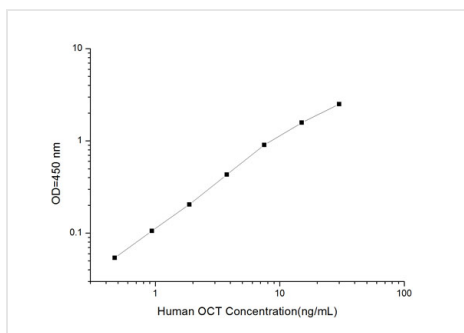
PRODUCT SYNONYMS

OCT; Human OCT (Ornithine Carbamoyl Transferase) ELISA Kit; OCT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human OCT. No significant cross-reactivity or interference between Human OCT and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human OCT and all the analogues, therefore, cross reaction may still exist.
Sequence Length	21
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.469-30ng/mL
Sensitivity	Min: 0.281ng/mL; Max: 30ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OCT elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of OCT in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human OCT. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human OCT and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human OCT, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human OCT. You can calculate the concentration of Human OCT in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	688002
NCBI GeneID	5009
UniProt Accession #	P00480; Q3KNR1; Q6B0I1; Q9NYJ5; A8K9P2; D3DWB0
Molecular Weight	39,935 Da
NCBI Official Full Name	ornithine carbamoyltransferase, partial
NCBI Official Synonym Full Names	ornithine carbamoyltransferase
NCBI Official Symbol	OTC
NCBI Official Synonym Symbols	OCTD
NCBI Protein Information	ornithine carbamoyltransferase, mitochondrial; OTCase; ornithine transcarbamylase
UniProt Protein Name	Ornithine carbamoyltransferase, mitochondrial
UniProt Gene Name	OTC
UniProt Synonym Gene Names	OTCase
UniProt Entry Name	OTC_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/human-elisa-kits/oct/163392>