

Human CTR ELISA Kit | CTR elisa kit

Human CTR (Calcitonin Receptor) ELISA Kit

CATALOG #
AAA164588

REACTIVITY
Human

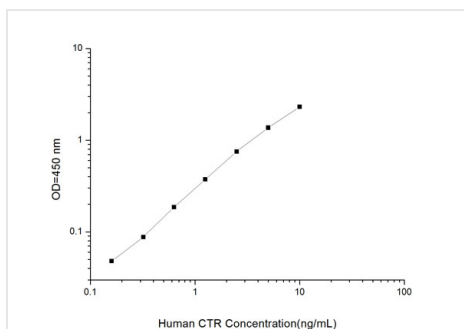
PRODUCT SYNONYMS

CTR; Human CTR (Calcitonin Receptor) ELISA Kit; CTR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human CTR. No significant cross-reactivity or interference between Human CTR and analogues was observed.
Sequence Length	474
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTR elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human CTR concentrations in 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 CTR. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CTR 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 CTR, 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 CTR. You can calculate the concentration of CTR in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260064027
NCBI GeneID	799
NCBI Accession #	NP_001158210.1
NCBI GenBank Nucleotide #	NM_001164738.1
UniProt Accession #	P30988; O14585; Q13941; Q5ZGL8; Q659U6; Q6DJU8; Q6T712; A4D1G6; F5H605
Molecular Weight	32,423 Da
NCBI Official Full Name	calcitonin receptor isoform 2
NCBI Official Synonym Full Names	calcitonin receptor
NCBI Official Symbol	CALCR
NCBI Official Synonym Symbols	CRT; CTR; CT-R; CTR1
NCBI Protein Information	calcitonin receptor
UniProt Protein Name	Calcitonin receptor
UniProt Gene Name	CALCR
UniProt Synonym Gene Names	CT-R
UniProt Entry Name	CALCR_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.