

Human Carbon Catabolite Repression 4 Like Protein (CCRN4L) ELISA Kit | CCRN4L elisa kit

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CATALOG # AAA66169	REACTIVITY Human
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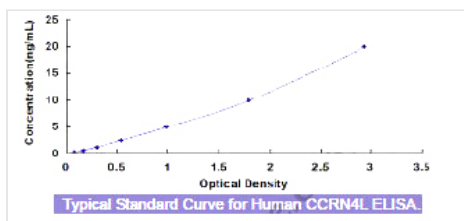
PRODUCT SYNONYMS

Carbon Catabolite Repression 4 Like Protein (CCRN4L); Human Carbon Catabolite Repression 4 Like Protein (CCRN4L) ELISA Kit; CCR4L; CCR4; NOC; Nocturnin; Circadian deadenylase NOC; Carbon catabolite repression 4-like protein; CCRN4L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCRN4L. No significant cross-reactivity or interference between CCRN4L and analogues was observed.
Sequence Length	431
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.116ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CCRN4L were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CCRN4L were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCRN4L elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CCRN4L in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CCRN4L. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CCRN4L. 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 CCRN4L, 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 +/- 10nm. The concentration of CCRN4L 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 #	31083028
NCBI GeneID	25819
NCBI Accession #	NP_036250.2
NCBI GenBank Nucleotide #	NM_012118.3
UniProt Accession #	Q9UK39; Q14D51; Q9HD93; Q9HD94; Q9HD95; D3DNY5
Molecular Weight	48,196 Da
NCBI Official Full Name	nocturnin
NCBI Official Synonym Full Names	nocturnin
NCBI Official Symbol	NOCT
NCBI Official Synonym Symbols	NOC; CCR4L; Ccr4c; CCRN4L
NCBI Protein Information	nocturnin
UniProt Protein Name	Nocturnin
UniProt Gene Name	NOCT

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/carbon-catabolite-repression-4-like-protein-ccrn4l/66169>