

Human Cyclic AMP-Responsive Element-Binding Protein 3-Like Protein 4 (CREB3L4) ELISA Kit | CREB3L4 elisa kit

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CATALOG #
AAA219778

REACTIVITY
Human

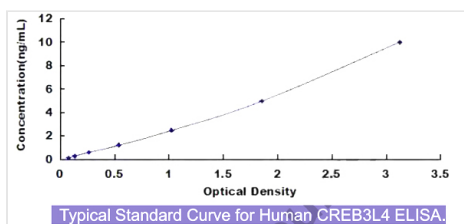
PRODUCT SYNONYMS

Cyclic AMP-Responsive Element-Binding Protein 3-Like Protein 4 (CREB3L4); Human Cyclic AMP-Responsive Element-Binding Protein 3-Like Protein 4 (CREB3L4) ELISA Kit; Androgen-induced basic leucine zipper protein (AlbZIP); ATCE1; CREB-4; cAMP-responsive element-binding protein 4; Tisp40; CREB3L4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CREB3L4. No significant cross-reactivity or interference between CREB3L4 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CREB3L4 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 CREB3L4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CREB3L4 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CREB3L4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CREB3L4. 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 CREB3L4, 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 CREB3L4 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CREB3L4 in human serum, plasma, tissue homogenates or other biological fluids.
Product Categories/Family for CREB3L4 elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	18702325
NCBI GeneID	148327
NCBI Accession #	NP_570968.1
NCBI GenBank Nucleotide #	NM_130898.3
UniProt Accession #	Q8TEY5; Q5T4L0; Q86YW6; D3DV62
Molecular Weight	41,275 Da
NCBI Official Full Name	cyclic AMP-responsive element-binding protein 3-like protein 4 isoform 1
NCBI Official Synonym Full Names	cAMP responsive element binding protein 3-like 4
NCBI Official Symbol	CREB3L4
NCBI Official Synonym Symbols	JAL; hJAL; ATCE1; CREB3; CREB4; AIBZIP
NCBI Protein Information	cyclic AMP-responsive element-binding protein 3-like protein 4; CREB-4; tisp40; attaching to CRE-like 1; cAMP responsive element binding protein 1; cAMP-responsive element-binding protein 4; androgen-induced basic leucine zipper protein; cyclic AMP-respon
UniProt Protein Name	Cyclic AMP-responsive element-binding protein 3-like protein 4
UniProt Gene Name	CREB3L4
UniProt Synonym Gene Names	AIBZIP; CREB4; JAL; cAMP-responsive element-binding protein 3-like protein 4; AlbZIP; ATCE1; CREB-4; cAMP-responsive element-binding protein 4; Tisp40
UniProt Entry Name	CR3L4_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/cyclic-amp-responsive-element-binding-protein-3-like-protein-4-creb3l4/219778>