

Human C-Terminal Binding Protein 2 (CTBP2) ELISA Kit | CTBP2 elisa kit

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CATALOG #
AAA64253

REACTIVITY
Human

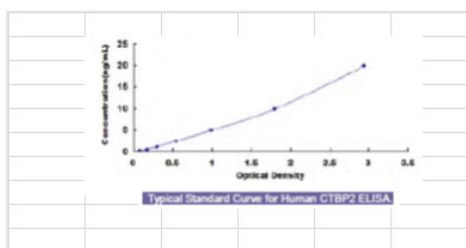
PRODUCT SYNONYMS

C-Terminal Binding Protein 2 (CTBP2); Human C-Terminal Binding Protein 2 (CTBP2) ELISA Kit; Heat shock 20 kDa-like protein p20; HspB6; HSPB6; CTBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CTBP2. No significant cross-reactivity or interference between CTBP2 and analogues was observed.
Sequence Length	445
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.125ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CTBP2 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 CTBP2 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 CTBP2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CTBP2 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CTBP2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CTBP2. 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 CTBP2, 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 CTBP2 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 #	145580578
NCBI GeneID	1488
NCBI Accession #	NP_001077383.1
NCBI GenBank Nucleotide #	NM_001083914.2
UniProt Accession #	P56545; O43449; Q5SQP7; Q69YI3; Q86SV0; Q9H2T8; A8K2X5; D3DRF5
Molecular Weight	106,187 Da
NCBI Official Full Name	C-terminal-binding protein 2 isoform 1
NCBI Official Synonym Full Names	C-terminal binding protein 2
NCBI Official Symbol	CTBP2
NCBI Protein Information	C-terminal-binding protein 2
UniProt Protein Name	C-terminal-binding protein 2
UniProt Gene Name	CTBP2
UniProt Synonym Gene Names	CtBP2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/c-terminal-binding-protein-2-ctbp2/64253>