

Human cpeb1 (Cytoplasmic polyadenylation element-binding protein 1) ELISA Kit | cpeb1 elisa kit

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CATALOG # AAA250694	REACTIVITY Human
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PRODUCT SYNONYMS

cpeb1 (Cytoplasmic polyadenylation element-binding protein 1); Human cpeb1 (Cytoplasmic polyadenylation element-binding protein 1) ELISA Kit; cpeb1; Cytoplasmic polyadenylation element-binding protein 1; CPE-BP1; CPE-binding protein 1; h-CPEB; hCPEB-1; cpeb1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of cpeb1. No significant cross-reactivity or interference between cpeb1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for cpeb1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74762720
NCBI GeneID	64506
UniProt Accession #	Q9BZB8 ; Q86W46 ; Q8IV41 ; Q9BZB7 ; Q9H8V5 ; B7Z6C6
Molecular Weight	53,635 Da
NCBI Official Full Name	Cytoplasmic polyadenylation element-binding protein 1
NCBI Official Synonym Full Names	cytoplasmic polyadenylation element binding protein 1

NCBI Official Symbol	CPEB1
NCBI Official Synonym Symbols	CPEB; CPEB-1; CPE-BP1; hCPEB-1
NCBI Protein Information	cytoplasmic polyadenylation element-binding protein 1; CPE-binding protein 1
UniProt Protein Name	Cytoplasmic polyadenylation element-binding protein 1
UniProt Gene Name	CPEB1
UniProt Synonym Gene Names	CPEB; CPE-BP1; CPE-binding protein 1; h-CEBP; hCPEB-1
UniProt Entry Name	CPEB1_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://www.aaabiotech.com/human-elisa-kits/cpeb1-cytoplasmic-polyadenylation-element-binding-protein-1/250694>