

Human Corticotropin Releasing Hormone Binding Protein (CRHBP) ELISA Kit | CRHBP elisa kit

Human Corticotropin Releasing Hormone Binding Protein (CRHBP) Mini Samples ELISA Kit

CATALOG # AAA150410	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

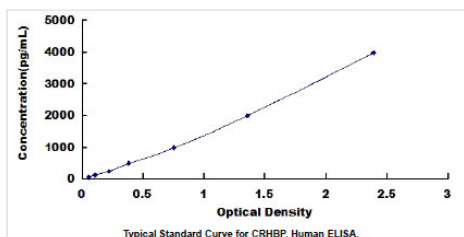
PRODUCT SYNONYMS

Corticotropin Releasing Hormone Binding Protein (CRHBP); Human Corticotropin Releasing Hormone Binding Protein (CRHBP) Mini Samples ELISA Kit; CRF-BP; CRFBP; Corticotropin-Releasing Factor-Binding Protein; CRHBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CRHBP. No significant cross-reactivity or interference between CRHBP and analogues was observed.
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	62.5-4,000pg/mL
Sensitivity	22.2pg/mL
Applicable Applications for CRHBP elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CRHBP 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 CRHBP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRHBP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CRHBP in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CRHBP. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CRHBP. 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 CRHBP, 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 CRHBP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CRHBP elisa kit	Endocrinology; Neuro science; Hormone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	47080099
NCBI GeneID	1393
NCBI Accession #	NP_001873.2
NCBI GenBank Nucleotide #	NM_001882.3
UniProt Accession #	P24387; Q53F32; Q6FHT5
Molecular Weight	36,144 Da
NCBI Official Full Name	corticotropin-releasing factor-binding protein
NCBI Official Synonym Full Names	corticotropin releasing hormone binding protein
NCBI Official Symbol	CRHBP
NCBI Official Synonym Symbols	CRFBP; CRF-BP
NCBI Protein Information	corticotropin-releasing factor-binding protein; CRF-binding protein; CRH-BP; corticotropin releasing hormone-binding protein; corticotropin-releasing hormone-binding protein
UniProt Protein Name	Corticotropin-releasing factor-binding protein
UniProt Gene Name	CRHBP
UniProt Synonym Gene Names	CRFBP; CRF-BP; CRF-binding protein; CRH-BP
UniProt Entry Name	CRHBP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/corticotropin-releasing-hormone-binding-protein-crhbp/150410>