

Human Corticotropin Releasing Hormone Receptor ELISA Kit | CRH R elisa kit

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CATALOG #
AAA86881

REACTIVITY
Human

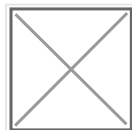
PRODUCT SYNONYMS

Corticotropin Releasing Hormone Receptor; Human Corticotropin Releasing Hormone Receptor ELISA Kit; CRH R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRH R elisa kit

Intended Uses: This CRH-R ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of CRH-R in the sample, this CRH-R ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus CRH-R concentration. The concentration of CRH-R in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This CRH-R enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for CRH-R. Standards or samples are then added to the microtiter plate wells and CRH-R if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CRH-R present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CRH-R are added to each well to "sandwich" the CRH-R immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CRH-R and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

Product Categories/Family for CRH R elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	372466597
NCBI GeneID	1394
NCBI Accession #	NP_001243228.1
NCBI GenBank Nucleotide #	NM_001256299.1
Molecular Weight	28,122 Da
NCBI Official Full Name	corticotropin-releasing factor receptor 1 isoform 5
NCBI Official Synonym Full Names	corticotropin releasing hormone receptor 1
NCBI Official Symbol	CRHR1
NCBI Official Synonym Symbols	CRF1; CRHR; CRF-R; CRFR1; CRF-R1; CRFR-1; CRH-R1; CRHR1L; CRHR1f; CRF-R-1; CRH-R-1; CRH-R1h
NCBI Protein Information	corticotropin-releasing factor receptor 1; CRH receptor 1 variant B; seven transmembrane helix receptor; corticotropin-releasing hormone receptor 1; corticotropin-releasing factor type 1 receptor; corticotropin releasing hormone receptor variant 1e; corticotropin releasing hormone receptor variant 1g
UniProt Protein Name	Corticotropin-releasing factor receptor 1
UniProt Gene Name	CRHR1
UniProt Synonym Gene Names	CRFR; CRFR1; CRHR; CRF-R-1; CRF-R1; CRFR-1; CRH-R-1; CRH-R1
UniProt Entry Name	CRFR1_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/crh-r-human-elisa-kits/corticotropin-releasing-hormone-receptor/86881>