

Human Corticotropin-releasing factor receptor 1 ELISA Kit | CRHR1 elisa kit

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CATALOG #
AAA101621

REACTIVITY
Human

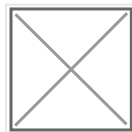
PRODUCT SYNONYMS

Corticotropin-releasing factor receptor 1; Human Corticotropin-releasing factor receptor 1 ELISA Kit; CRHR1/Corticotropin-releasing factor receptor 1/Corticotropin-releasing hormone receptor 1/CRF-R-1/CRF-R1/CRFR-1/CRH-R-1/CRH-R1/seven transmembrane helix receptor/CRF1/CRFR/CRHR1f/CRH-R1h/CRHR1L/CRHRCRH-R1; CRHR1 elisa kit

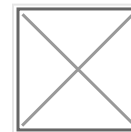
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	444
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRHR1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CRHR1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CRHR1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin 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 Human CRHR1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CRHR1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223717971
NCBI GeneID	1394
NCBI Accession #	NP_001138618.1
NCBI GenBank Nucleotide #	NM_001145146.1

Molecular Weight	28,122 Da
NCBI Official Full Name	corticotropin-releasing factor receptor 1 isoform 1
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; CRF-R-1; CRH-R-1
NCBI Protein Information	corticotropin-releasing factor receptor 1
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/crhr1-human-elisa-kits/corticotropin-releasing-factor-receptor-1/101621>