

Monkey Corticotropin Releasing Hormone Receptor ELISA Kit | CRH-R elisa kit

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CATALOG # AAA95970	REACTIVITY Monkey
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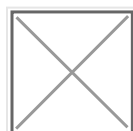
PRODUCT SYNONYMS

Corticotropin Releasing Hormone Receptor; Monkey Corticotropin Releasing Hormone Receptor ELISA Kit; CRH-R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CRH-R ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CRH-R. This ELISA kit for research use only, not for therapeutic applications
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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	Principle of the Assay: CRH-R ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CRH-R antibody and an CRH-R-HRP conjugate. The assay sample and buffer are incubated together with CRH-R-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CRH-R concentration since CRH-R from samples and CRH-R-HRP conjugate compete for the anti-CRH-R antibody binding site. Since the number of sites is limited, as more sites are occupied by CRH-R from the sample, fewer sites are left to bind CRH-R-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CRH-R concentration in each sample is interpolated from this standard curve.
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-monkey-elisa-kits/corticotropin-releasing-hormone-receptor/95970>