

Human Corticotropin Releasing Hormone ELISA Kit | CRH elisa kit

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CATALOG #
AAA97810

REACTIVITY
Human

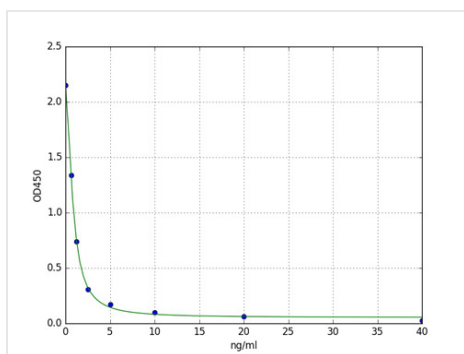
PRODUCT SYNONYMS

Corticotropin Releasing Hormone; Human Corticotropin Releasing Hormone ELISA Kit; CRH (Corticotropin Releasing Hormone)/Corticoliberin/Corticotropin-releasing factor/CRF/Corticotropin-releasing hormone; CRH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	122
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	2.188-140pg/ml
Sensitivity	1.4pg/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)

Typical Data & Standard Curve

Results of a typical standard run of a Human CRH ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	2.201	1.837	1.566	1.230	0.905	0.617	0.467	0.363

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRH elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human CRH. During the reaction, Human CRH in the sample or standard competes with a fixed amount of Human CRH on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Human CRH. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Human CRH in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	704375
NCBI GeneID	486977
Molecular Weight	21,547 Da
NCBI Official Full Name	corticotropin releasing hormone, partial
NCBI Official Symbol	CRH
NCBI Protein Information	corticoliberin
UniProt Protein Name	Corticoliberin
UniProt Gene Name	CRH
UniProt Synonym Gene Names	CRF
UniProt Entry Name	CRF_CANLF

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-human-elisa-kits/corticotropin-releasing-hormone/97810>