

Mouse Corticoliberin ELISA Kit | Crh elisa kit

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CATALOG #
AAA102562

REACTIVITY
Mouse

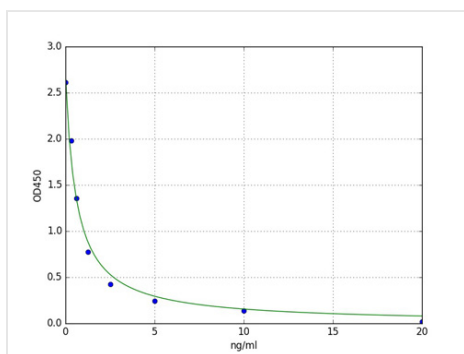
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	196
Assay Type	Competitive ELISA, Coated with Antigen
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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	2.104	1.739	1.469	1.132	0.808	0.515	0.368	0.264

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 Mouse Crh. During the reaction, Mouse Crh in the sample or standard competes with a fixed amount of Mouse Crh on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Mouse 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 Mouse 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 #	4503041
NCBI GeneID	1392
NCBI Accession #	NP_000747.1
NCBI GenBank Nucleotide #	NM_000756.3
Molecular Weight	21,422 Da
NCBI Official Full Name	corticoliberin preproprotein
NCBI Official Synonym Full Names	corticotropin releasing hormone
NCBI Official Symbol	CRH
NCBI Official Synonym Symbols	CRF; CRH1
NCBI Protein Information	corticoliberin
UniProt Protein Name	Corticoliberin
UniProt Gene Name	CRH
UniProt Synonym Gene Names	CRF
UniProt Entry Name	CRF_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://www.aaabiotech.com/crh-mouse-elisa-kits/corticoliberin/102562>