

Human corticotropin releasing hormone ELISA Kit | CRH elisa kit

human corticotropin releasing hormone, CRH ELISA Kit

CATALOG #
AAA79681

REACTIVITY
Human

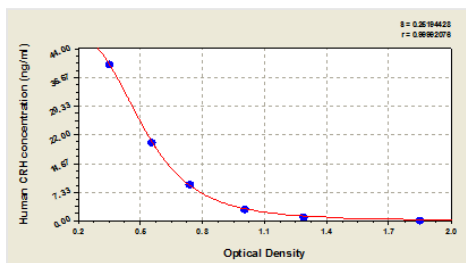
PRODUCT SYNONYMS

corticotropin releasing hormone; human corticotropin releasing hormone; CRH ELISA Kit; CRF; corticotropin-releasing factor; CRH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CRH. No significant cross-reactivity or interference between Human CRH and analogues was observed.
Sequence Length	196
Samples	Serum, plasma and tissue homogenates
Detection Range	1 ng/ml-40 ng/ml
Sensitivity	1 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRH elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an goat-anti-rabbit antibody. Standards or samples are then added to the appropriate microtiter plate wells with a HRP-conjugated CRH and antibody preparation specific for CRH and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) 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 +/- 2 nm. The concentration of CRH in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503041
NCBI GeneID	1392
NCBI Accession #	NP_000747.1
NCBI GenBank Nucleotide #	NM_000756.2
UniProt Accession #	P06850; B3KQS4
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
NCBI Protein Information	corticoliberin; corticotropin-releasing factor
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-human-elisa-kits/corticotropin-releasing-hormone/79681>