

Rat corticotropin releasing hormone ELISA Kit | CRH elisa kit

Rat corticotropin releasing hormone, CRH ELISA Kit

CATALOG #
AAA15503

REACTIVITY
Rat

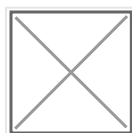
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat CRH. No significant cross-reactivity or interference between rat CRH and analogues was observed.
Sequence Length	187
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	1.25 ng/ml-20 ng/ml
Sensitivity	< 1.25 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
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: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to CRH. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated CRH. A competitive inhibition reaction is launched between CRH (Standards or samples) and Biotin-conjugated CRH with the pre-coated antibody specific for CRH. The more amount of CRH in samples, the less antibody bound by Biotin-conjugated CRH. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of CRH in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13591920
NCBI GeneID	81648
NCBI Accession #	NP_112281.1
NCBI GenBank Nucleotide #	NM_031019.1
UniProt Accession #	P01143
Molecular Weight	20,680 Da
NCBI Official Full Name	corticoliberin
NCBI Official Synonym Full Names	corticotropin releasing hormone
NCBI Official Symbol	Crh
NCBI Official Synonym Symbols	CRF
NCBI Protein Information	corticoliberin; corticotropin-releasing factor; corticotropin-releasing hormone
UniProt Protein Name	Corticoliberin
UniProt Gene Name	Crh
UniProt Synonym Gene Names	CRF
UniProt Entry Name	CRF_RAT

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-rat-elisa-kits/corticotropin-releasing-hormone/15503>