

Mouse corticotropin releasing hormone ELISA Kit | CRH elisa kit

Mouse Corticotropin-releasing Factor, CRF ELISA Kit

CATALOG #
AAA80528

REACTIVITY
Mouse

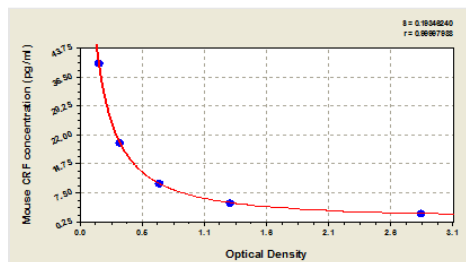
PRODUCT SYNONYMS

corticotropin releasing hormone; Mouse Corticotropin-releasing Factor; CRF ELISA Kit; Mouse Corticotropin-releasing Factor (CRF) ELISA Kit; CRF; corticotropin-releasing factor; CRH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CRF. No significant cross-reactivity or interference between mouse CRF and analogues was observed.
Sequence Length	187
Samples	Serum, plasma
Assay Type	Competitive
Detection Range	2.5 pg/ml -40 pg/ml.
Sensitivity	The minimum detectable dose of mouse CRF is typically less than 0.675 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest mouse CRF concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 CRF. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated CRF. A competitive inhibition reaction is launched between CRF (Standards or samples) and Biotin-conjugated CRF with the pre-coated antibody specific for CRF. The more amount of CRF in samples, the less antibody bound by Biotin-conjugated CRF. 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 CRF in the sample. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	45429990
NCBI GeneID	12918
NCBI Accession #	NP_991338.1
NCBI GenBank Nucleotide #	NM_205769.2
UniProt Accession #	Q8CIT0; Q14AA2
Molecular Weight	20,778 Da
NCBI Official Full Name	corticoliberin preproprotein
NCBI Official Synonym Full Names	corticotropin releasing hormone
NCBI Official Symbol	Crh
NCBI Official Synonym Symbols	CRF; Gm1347
NCBI Protein Information	corticoliberin; corticotropin releasing factor; corticotropin-releasing factor; corticotropin-releasing hormone
UniProt Protein Name	Corticoliberin
UniProt Gene Name	Crh
UniProt Synonym Gene Names	Gm1347; CRF
UniProt Entry Name	CRF_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/crh-mouse-elisa-kits/corticotropin-releasing-hormone/80528>