

## Rat Corticoliberin ELISA Kit | Crh elisa kit

Rat Corticoliberin ELISA Kit

CATALOG #  
AAA57005

REACTIVITY  
Rat

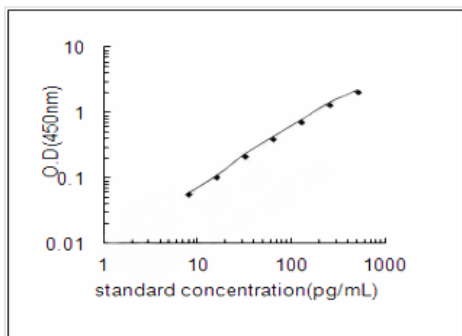
### PRODUCT SYNONYMS

Corticoliberin; Rat Corticoliberin ELISA Kit; Corticotropin-releasing factor; CRF; Corticotropin-releasing hormone; Crh; Crh elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                             |
| Specificity             | This assay recognizes recombinant and natural rat Corticoliberin. No significant cross-reactivity or interference was observed. |
| Sequence Length         | 187                                                                                                                             |
| Assay Type              | Competitive                                                                                                                     |
| Detection Range         | 7.8-500 pg/mL                                                                                                                   |
| Sensitivity             | 3.92 pg/mL                                                                                                                      |
| Intra-Assay CV          | <=6.5%                                                                                                                          |
| Inter-Assay CV          | <=9.1%                                                                                                                          |
| Recovery                | 102%                                                                                                                            |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                                                             |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Crh elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Corticoliberin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Corticoliberin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Corticoliberin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Corticoliberin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Corticoliberin in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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                  |
| 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://www.aaabiotech.com/crh-rat-elisa-kits/corticoliberin/57005>