

## Rat ACTH (Adrenocorticotrophic Hormone) ELISA Kit | ACTH elisa kit

Rat ACTH (Adrenocorticotrophic Hormone) ELISA Kit

CATALOG #  
**AAA98582**

REACTIVITY  
**Rat**

### PRODUCT SYNONYMS

ACTH (Adrenocorticotrophic Hormone); Rat ACTH (Adrenocorticotrophic Hormone) ELISA Kit; ACTH (Adrenocorticotrophic Hormone)/Corticotropin/Adrenocorticotropin; ACTH elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                          |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                         |
| Detection Range         | 12.5-800pg/ml                                                                                                                                                |
| Sensitivity             | 7.5pg/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

| Typical Data & Standard Curve                                                                                                                                                                                                                |       |       |        |       |      |       |       |       |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|--------|-------|------|-------|-------|-------|------|
| Results of a typical standard run of a ACTH 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                                                                                                                                                                                                                                            | pg/ml | 0     | 15.625 | 31.25 | 62.5 | 125   | 250   | 500   | 1000 |
| Y                                                                                                                                                                                                                                            | OD450 | 2.451 | 1.938  | 1.376 | 0.85 | 0.442 | 0.211 | 0.101 | 0.01 |

Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ACTH elisa kit

Principle of the Assay: This ELISA kit uses Capture-ELISA as the method to detect the MuV-IgM in human serum. The micro ELISA plate provided in this kit has been pre-coated with Mouse-anti-human IgM (u chain). Samples are added to the micro ELISA plate wells and the IgM antibody in which will be captured. Free components are washed away (including the specific IgG antibody). The "MuV antigen + anti-MuV-HRP conjugated antibody" is added to each well, the MuV-IgM antibody in captured IgM will specific bind to the MuV antigen + anti-MuV-HRP conjugated antibody. The TMB substrate is added after washing to initiate the color developing reaction. The presence of HV-IgM can be determined according to the OD value after colorimetric assay with the Micro-plate Reader.

### NCBI AND UNIPROT INFORMATION

|                          |                                          |
|--------------------------|------------------------------------------|
| NCBI GeneID              | 486977                                   |
| Molecular Weight         | 21,547 Da                                |
| NCBI Official Full Name  | corticotropin releasing hormone, partial |
| NCBI Official Symbol     | CRH                                      |
| NCBI Protein Information | corticoliberin                           |
| UniProt Protein Name     | Corticoliberin                           |

|                            |           |
|----------------------------|-----------|
| UniProt Gene Name          | CRH       |
| UniProt Synonym Gene Names | CRF       |
| UniProt Entry Name         | CRF_CANLF |

**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/rat-elisa-kits/acth-adrenocorticotrophic-hormone/98582>