

## Porcine Corticotropin Releasing Hormone Receptor ELISA Kit | CRH-R elisa kit

Porcine Corticotropin Releasing Hormone Receptor ELISA Kit

CATALOG #  
**AAA94234**

REACTIVITY  
**Porcine**

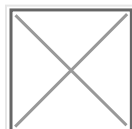
### PRODUCT SYNONYMS

Corticotropin Releasing Hormone Receptor; Porcine Corticotropin Releasing Hormone Receptor ELISA Kit; CRH-R elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                 |
| Assay Type              | Competitive                                                                                                                                                                                |
| Intended Uses           | This CRH-R ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CRH-R. This ELISA kit for research use only, not for therapeutic applications  |
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| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CRH-R elisa kit

**Principle of the Assay:** CRH-R ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CRH-R antibody and an CRH-R-HRP conjugate. The assay sample and buffer are incubated together with CRH-R-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CRH-R concentration since CRH-R from samples and CRH-R-HRP conjugate compete for the anti-CRH-R antibody binding site. Since the number of sites is limited, as more sites are occupied by CRH-R from the sample, fewer sites are left to bind CRH-R-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CRH-R concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for CRH-R elisa kit

[Signal Transduction](#)

### NCBI AND UNIPROT INFORMATION

NCBI GI #

[372466597](#)

NCBI GeneID

[1394](#)

|                                  |                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_001243228.1</a>                                                                                                                                                                                                                                                                                |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001256299.1</a>                                                                                                                                                                                                                                                                                |
| Molecular Weight                 | 28,122 Da                                                                                                                                                                                                                                                                                                     |
| NCBI Official Full Name          | corticotropin-releasing factor receptor 1 isoform 5                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Full Names | corticotropin releasing hormone receptor 1                                                                                                                                                                                                                                                                    |
| NCBI Official Symbol             | CRHR1                                                                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | CRF1; CRHR; CRF-R; CRFR1; CRF-R1; CRFR-1; CRH-R1; CRHR1L; CRHR1f; CRF-R-1; CRH-R-1; CRH-R1h                                                                                                                                                                                                                   |
| NCBI Protein Information         | corticotropin-releasing factor receptor 1; CRH receptor 1 variant B; seven transmembrane helix receptor; corticotropin-releasing hormone receptor 1; corticotropin-releasing factor type 1 receptor; corticotropin releasing hormone receptor variant 1e; corticotropin releasing hormone receptor variant 1g |
| UniProt Protein Name             | Corticotropin-releasing factor receptor 1                                                                                                                                                                                                                                                                     |
| UniProt Gene Name                | <b>CRHR1</b>                                                                                                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | CRFR; CRFR1; CRHR; CRF-R-1; CRF-R1; CRFR-1; CRH-R-1; CRH-R1                                                                                                                                                                                                                                                   |
| UniProt Entry Name               | CRFR1_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://stage.aaabiotech.com/crh-r-porcine-elisa-kits/corticotropin-releasing-hormone-receptor/94234>