

## Rat Cortisone ELISA Kit | CER1 elisa kit

Rat Cortisone ELISA Kit

CATALOG #  
**AAA93964**

REACTIVITY  
**Rat**

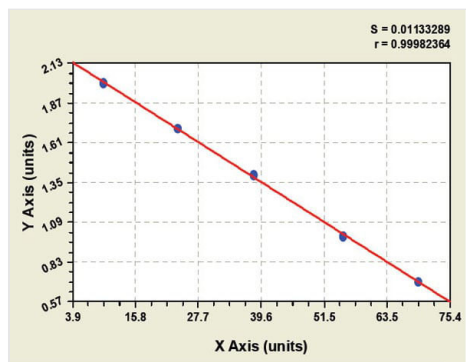
### PRODUCT SYNONYMS

Cortisone; Rat Cortisone ELISA Kit; CER1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                         |
| Assay Type              | Competitive                                                                                                                                                                        |
| Intended Uses           | This COR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat COR. 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 CER1 elisa kit

**Principle of the Assay:** COR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-COR antibody and an COR-HRP conjugate. The assay sample and buffer are incubated together with COR-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 COR concentration since COR from samples and COR-HRP conjugate compete for the anti-COR antibody binding site. Since the number of sites is limited, as more sites are occupied by COR from the sample, fewer sites are left to bind COR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COR concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| NCBI GI #                        | 45382247                                                         |
| NCBI GeneID                      | 395623                                                           |
| NCBI Accession #                 | NP_990154.1                                                      |
| NCBI GenBank Nucleotide #        | NM_204823.1                                                      |
| Molecular Weight                 | 31,225 Da                                                        |
| NCBI Official Full Name          | cerberus                                                         |
| NCBI Official Synonym Full Names | cerberus 1, cysteine knot superfamily, homolog (Xenopus laevis)  |
| NCBI Official Symbol             | CER1                                                             |
| NCBI Official Synonym Symbols    | CAR                                                              |
| NCBI Protein Information         | cerberus; caronte; cerberus 1 homolog, cysteine knot superfamily |
| UniProt Protein Name             | Cerberus                                                         |
| UniProt Gene Name                | <b>CER1</b>                                                      |
| UniProt Entry Name               | CER1_CHICK                                                       |

**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/rat-elisa-kits/cortisone/93964>