

## Porcine Cornulin (CRNN) ELISA Kit | CRNN elisa kit

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CATALOG #  
**AAA244305**

REACTIVITY  
**Porcine**

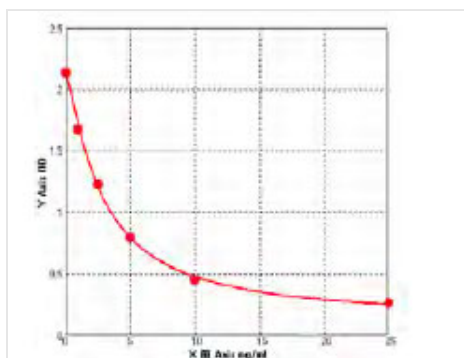
### PRODUCT SYNONYMS

Cornulin (CRNN); Porcine Cornulin (CRNN) ELISA Kit; CRNN elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                    |
| Samples                 | Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 1.0 pg/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CRNN elisa kit

Intended Uses: This CRLF2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CRLF2. This ELISA kit for research use only!

Principle of the Assay: CRLF2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CRLF2 antibody and an CRLF2-HRP conjugate. The assay sample and buffer are incubated together with CRLF2-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 CRLF2 concentration since CRLF2 from samples and CRLF2-HRP conjugate compete for the anti-CRLF2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CRLF2 from the sample, fewer sites are left to bind CRLF2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CRLF2 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for CRNN elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 7706635                                                                                                                                                                                           |
| NCBI GeneID                      | 49860                                                                                                                                                                                             |
| NCBI Accession #                 | NP_057274.1                                                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_016190.2                                                                                                                                                                                       |
| Molecular Weight                 | 53,533 Da                                                                                                                                                                                         |
| NCBI Official Full Name          | cornulin                                                                                                                                                                                          |
| NCBI Official Synonym Full Names | cornulin                                                                                                                                                                                          |
| NCBI Official Symbol             | CRNN                                                                                                                                                                                              |
| NCBI Official Synonym Symbols    | DRC1; PDRC1; SEP53; C1orf10                                                                                                                                                                       |
| NCBI Protein Information         | cornulin; tumor-related protein; 58 kDa heat shock protein; 53 kDa putative calcium-binding protein; squamous epithelial heat shock protein 53; 53 kDa squamous epithelial-induced stress protein |
| UniProt Protein Name             | Cornulin                                                                                                                                                                                          |
| UniProt Gene Name                | CRNN                                                                                                                                                                                              |
| UniProt Synonym Gene Names       | C1orf10; DRC1; PDRC1; SEP53                                                                                                                                                                       |
| UniProt Entry Name               | CRNN_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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