

Porcine Cornulin (CRNN) ELISA Kit | CRNN elisa kit

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CATALOG #
AAA244305

REACTIVITY
Porcine

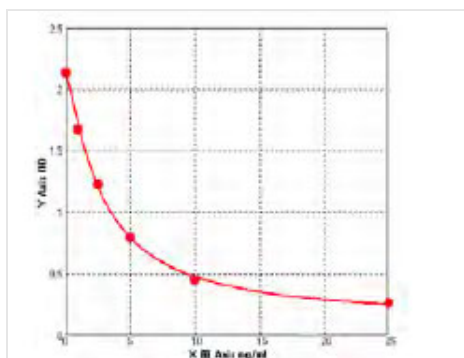
PRODUCT SYNONYMS

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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Online datasheet: <https://www.aaabiotech.com/porcine-elisa-kits/cornulin-crnn/244305>