

Human Cornulin (CRNN) ELISA Kit | CRNN elisa kit

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CATALOG #
AAA64779

REACTIVITY
Human

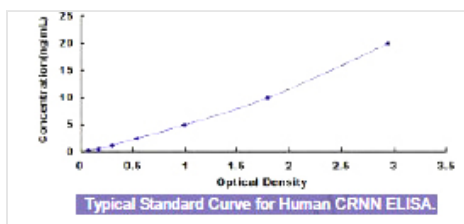
PRODUCT SYNONYMS

Cornulin (CRNN); Human Cornulin (CRNN) ELISA Kit; SEP53; C1orf10; DRC1; PDRC1; 53 kDa putative calcium-binding protein; Squamous epithelial heat shock protein 53; Tumor-related protein; 58 kDa heat shock protein; CRNN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CRNN. No significant cross-reactivity or interference between CRNN and analogues was observed.
Sequence Length	495
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.123ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CRNN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CRNN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRNN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CRNN in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CRNN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CRNN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CRNN, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CRNN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7706635
NCBI GeneID	49860
NCBI Accession #	NP_057274.1
NCBI GenBank Nucleotide #	NM_016190.2
UniProt Accession #	Q9UBG3; Q8N613; B2RE60
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
UniProt Protein Name	Cornulin
UniProt Gene Name	CRNN
UniProt Synonym Gene Names	C1orf10; DRC1; PDRC1; SEP53

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.