

Human Crk Like Protein (CRKL) ELISA Kit | CRKL elisa kit

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CATALOG #
AAA138182

REACTIVITY
Human

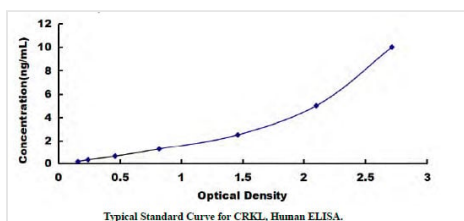
PRODUCT SYNONYMS

Crk Like Protein (CRKL); Human Crk Like Protein (CRKL) ELISA Kit; V-Crk Sarcoma Virus CT10 Oncogene Homolog(avian)-Like; CRKL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CRKL. No significant cross-reactivity or interference between CRKL and analogues was observed.
Sequence Length	303
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CRKL 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 CRKL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRKL elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CRKL in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CRKL. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CRKL. 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 CRKL, 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 CRKL in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CRKL elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885153
NCBI GeneID	1399
NCBI Accession #	NP_005198.1
NCBI GenBank Nucleotide #	NM_005207.3
UniProt Accession #	P46109; A8KA44; D3DX35
Molecular Weight	33,777 Da
NCBI Official Full Name	crk-like protein
NCBI Official Synonym Full Names	v-crk avian sarcoma virus CT10 oncogene homolog-like
NCBI Official Symbol	CRKL
NCBI Protein Information	crk-like protein
UniProt Protein Name	Crk-like protein
UniProt Gene Name	CRKL
UniProt Entry Name	CRKL_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/human-elisa-kits/crk-like-protein-crk/138182>