

Human Crk like protein (CRKL) ELISA Kit | CRKL elisa kit

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CATALOG #
AAA246644

REACTIVITY
Human

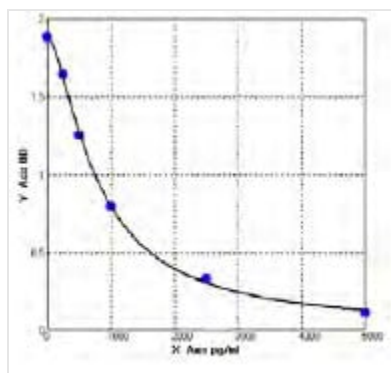
PRODUCT SYNONYMS

Crk like protein (CRKL); Human Crk like protein (CRKL) ELISA Kit; 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CRKL and all the analogues, therefore, cross reaction may still exist in some cases.
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 CRKL elisa kit	Intended Uses: This CRKL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CRKL. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CRKL ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CRKL antibody and an CRKL-HRP conjugate. The assay sample and buffer are incubated together with CRKL-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 CRKL concentration since CRKL from samples and CRKL-HRP conjugate compete for the anti-CRKL antibody binding site. Since the number of sites is limited, as more sites are occupied by CRKL from the sample, fewer sites are left to bind CRKL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CRKL concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CRKL elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885153
NCBI GeneID	1399
NCBI Accession #	NP_005198.1
NCBI GenBank Nucleotide #	NM_005207.3
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/246644>