

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

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CATALOG #
AAA67614

REACTIVITY
Mouse

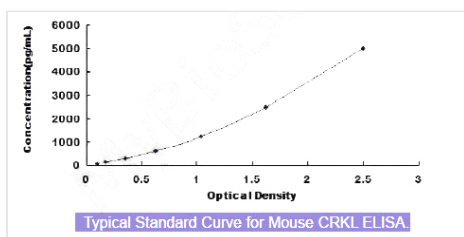
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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	108
Samples	Mouse tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	< 33pg/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	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 CRKL elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CRKL in mouse tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CRKL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	469832253
NCBI GeneID	12929
NCBI Accession #	NP_001264160.1
NCBI GenBank Nucleotide #	NM_001277231.1
UniProt Accession #	P47941; Q3TQ18; Q8BGC5
Molecular Weight	33,830 Da
NCBI Official Full Name	crk-like protein isoform 2
NCBI Official Synonym Full Names	v-crk avian sarcoma virus CT10 oncogene homolog-like
NCBI Official Symbol	Crkl
NCBI Official Synonym Symbols	Crkol; AA589403; AI325100; 1110025F07Rik
NCBI Protein Information	crk-like protein
UniProt Protein Name	Crk-like protein
UniProt Gene Name	Crkl
UniProt Synonym Gene Names	Crkol

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.