

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

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CATALOG #
AAA13985

REACTIVITY
Human

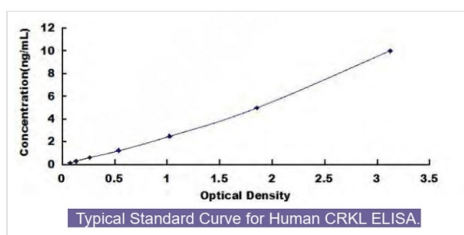
PRODUCT SYNONYMS

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.
Sequence Length	303
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.053ng/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	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. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CRKL in human tissue homogenates, cell lysates or other biological fluids.
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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	CRK like proto-oncogene, adaptor protein
NCBI Official Symbol	CRKL
NCBI Protein Information	crk-like protein
UniProt Protein Name	Crk-like protein
UniProt Gene Name	CRKL

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.