

Human Adapter molecule crk (CRK) ELISA Kit | CRK elisa kit

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CATALOG #
AAA244455

REACTIVITY
Human

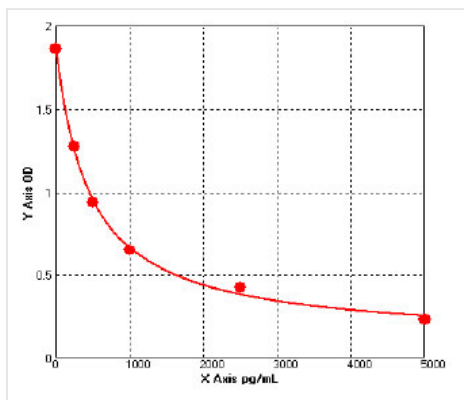
PRODUCT SYNONYMS

Adapter molecule crk (CRK); Human Adapter molecule crk (CRK) ELISA Kit; CRK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CRK. No significant cross-reactivity or interference between CRK and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CRK and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Intended Uses	This CRK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CRK. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRK elisa kit	Principle of the Assay: CRK ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CRK antibody and an CRK-HRP conjugate. The assay sample and buffer are incubated together with CRK-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 CRK concentration since CRK from samples and CRK-HRP conjugate compete for the anti-CRK antibody binding site. Since the number of sites is limited, as more sites are occupied by CRK from the sample, fewer sites are left to bind CRK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CRK concentration in each sample is interpolated from this standard curve. Intended Uses: This CRK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CRK. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CRK elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	41327712
NCBI GeneID	1398
NCBI Accession #	NP_058431.2
NCBI GenBank Nucleotide #	NM_016823.3
Molecular Weight	22,906 Da
NCBI Official Full Name	adapter molecule crk isoform a
NCBI Official Synonym Full Names	v-crk avian sarcoma virus CT10 oncogene homolog
NCBI Official Symbol	CRK
NCBI Official Synonym Symbols	p38; CRKII
NCBI Protein Information	adapter molecule crk; proto-oncogene c-Crk
UniProt Protein Name	Adapter molecule crk
UniProt Gene Name	CRK
UniProt Entry Name	CRK_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.