

Mouse Cold-inducible RNA-binding protein (CIRBP) ELISA Kit | CIRBP elisa kit

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CATALOG #
AAA247029

REACTIVITY
Mouse

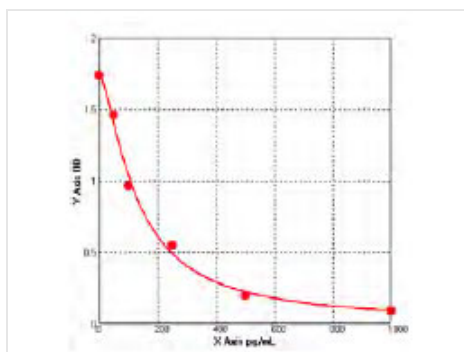
PRODUCT SYNONYMS

Cold-inducible RNA-binding protein (CIRBP); Mouse Cold-inducible RNA-binding protein (CIRBP) ELISA Kit; CIRBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 CIRBP elisa kit

Intended Uses: This CILP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CILP1. This ELISA kit for research use only!

Principle of the Assay: CILP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CILP1 antibody and an CILP1-HRP conjugate. The assay sample and buffer are incubated together with CILP1-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 CILP1 concentration since CILP1 from samples and CILP1-HRP conjugate compete for the anti-CILP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CILP1 from the sample, fewer sites are left to bind CILP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CILP1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CIRBP elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	664806003
NCBI GeneID	1153
NCBI Accession #	NP_001287744.1
NCBI GenBank Nucleotide #	NM_001300815.1
Molecular Weight	18,648 Da
NCBI Official Full Name	cold-inducible RNA-binding protein isoform 2
NCBI Official Synonym Full Names	cold inducible RNA binding protein
NCBI Official Symbol	CIRBP
NCBI Official Synonym Symbols	CIRP
NCBI Protein Information	cold-inducible RNA-binding protein; A18 hnRNP; glycine-rich RNA binding protein; cold inducible RNA-binding protein
UniProt Protein Name	Cold-inducible RNA-binding protein
UniProt Gene Name	CIRBP
UniProt Synonym Gene Names	A18HNRNP; CIRP
UniProt Entry Name	CIRBP_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/mouse-elisa-kits/cold-inducible-rna-binding-protein-cirbp/247029>