

Human cold inducible RNA binding protein ELISA Kit | CIRBP elisa kit

Human Cold-inducible RNA-binding protein, CIRBP ELISA Kit

CATALOG #
AAA18269

REACTIVITY
Human

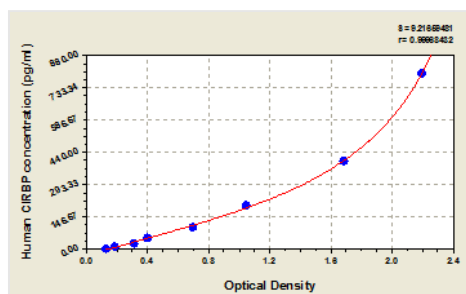
PRODUCT SYNONYMS

cold inducible RNA binding protein; Human Cold-inducible RNA-binding protein; CIRBP ELISA Kit; Human Cold-inducible RNA-binding protein (CIRBP) ELISA kit; CIRP; Cold-inducible RNA-binding protein; cold inducible RNA-binding protein; glycine-rich RNA binding protein; CIRBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CIRBP. No significant cross-reactivity or interference between human CIRBP and analogues was observed.
Sequence Length	172
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	12.5 pg/ml-800 pg/ml
Sensitivity	< 3.12 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CIRBP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CIRBP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CIRBP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CIRBP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CIRBP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502847
NCBI GeneID	1153
NCBI Accession #	NP_001271.1
NCBI GenBank Nucleotide #	NM_001280.2
UniProt Accession #	Q14011
Molecular Weight	18,648 Da
NCBI Official Full Name	cold-inducible RNA-binding protein isoform 1
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/cirbp-human-elisa-kits/cold-inducible-rna-binding-protein/18269>