

Human Cold-inducible RNA-binding protein ELISA Kit | CIRBP elisa kit

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CATALOG #
AAA17447

REACTIVITY
Human

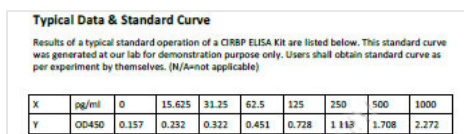
PRODUCT SYNONYMS

Cold-inducible RNA-binding protein; Human Cold-inducible RNA-binding protein ELISA Kit; CIRBP/Cold-inducible RNA-binding protein/A18 hnRNP/Glycine-rich RNA-binding protein CIRP/A18HNRNP/CIRP; CIRBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CIRBP . No significant cross-reactivity or interference between CIRBP and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the crossreactivity detection between CIRBP and all the analogues, therefore, cross reaction may still exist.
Sequence Length	297
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CIRBP were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CIRBP were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CIRBP elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CIRBP antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- CIRBP antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the CIRBP amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CIRBP can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	664806037
NCBI GeneID	1153
NCBI Accession #	NP_001287758.1
NCBI GenBank Nucleotide #	NM_001300829.1
Molecular Weight	26,130 Da
NCBI Official Full Name	cold-inducible RNA-binding protein isoform 3
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
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/17447>