

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

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CATALOG #
AAA244734

REACTIVITY
Porcine

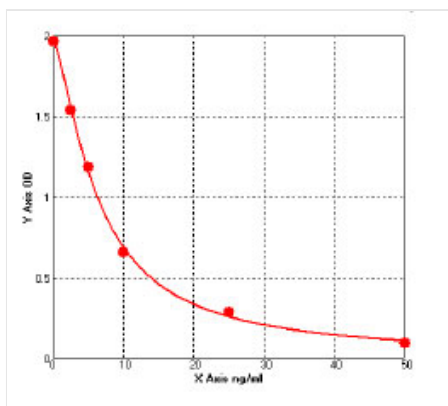
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
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 impossible for us to complete the cross-reactivity detection between CIRBP 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	0.1 ng/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	Principle of the Assay: CIRBP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CIRBP antibody and an CIRBP-HRP conjugate. The assay sample and buffer are incubated together with CIRBP-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 CIRBP concentration since CIRBP from samples and CIRBP-HRP conjugate compete for the anti-CIRBP antibody binding site. Since the number of sites is limited, as more sites are occupied by CIRBP from the sample, fewer sites are left to bind CIRBP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CIRBP concentration in each sample is interpolated from this standard curve. Intended Uses: This CIRBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CIRBP. This ELISA kit for research use only, not for therapeutic or test applications!
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/porcine-elisa-kits/cold-inducible-rna-binding-protein-cirbp/244734>