

Chicken Cytokine-inducible SH2-containing protein (CISH) ELISA Kit | CISH elisa kit

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CATALOG #
AAA246089

REACTIVITY
Chicken

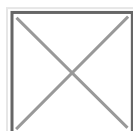
PRODUCT SYNONYMS

Cytokine-inducible SH2-containing protein (CISH); Chicken Cytokine-inducible SH2-containing protein (CISH) ELISA Kit; CISH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of CISH. No significant cross-reactivity or interference between CISH and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CISH 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 CISH elisa kit

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

Intended Uses: This CISH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CISH. This ELISA kit for research use only, not for therapeutic or test applications!

NCBI AND UNIPROT INFORMATION

NCBI GI #

6753426

NCBI GeneID	12700
NCBI Accession #	NP_034025.1
NCBI GenBank Nucleotide #	NM_009895.3
Molecular Weight	28,537 Da
NCBI Official Full Name	cytokine-inducible SH2-containing protein
NCBI Official Synonym Full Names	cytokine inducible SH2-containing protein
NCBI Official Symbol	Cish
NCBI Official Synonym Symbols	Cis; F17; F23; CIS1; AI385595
NCBI Protein Information	cytokine-inducible SH2-containing protein; SOCS; CIS-1; cytokine-inducible SH2 protein; suppressor of cytokine signaling
UniProt Protein Name	Cytokine-inducible SH2-containing protein
UniProt Gene Name	Cish
UniProt Synonym Gene Names	Cis; CIS; SOCS
UniProt Entry Name	CISH_MOUSE

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/chicken-elisa-kits/cytokine-inducible-sh2-containing-protein-cish/246089>