

Human Cytokine Inducible SH2 Containing Protein ELISA Kit | CISH elisa kit

Human Cytokine Inducible SH2 Containing Protein (CISH) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA189978

REACTIVITY
Human

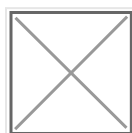
PRODUCT SYNONYMS

Cytokine Inducible SH2 Containing Protein; Human Cytokine Inducible SH2 Containing Protein (CISH) (Sandwich ELISA) ELISA Kit; CIS; CIS-1; G18; SOCS; Suppressor of cytokine signaling; ELISA Kit for Cytokine Inducible SH2 Containing Protein (CISH); CISH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.056ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CISH were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CISH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CISH elisa kit

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CISH. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CISH. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CISH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of CISH in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CISH in human tissue homogenates, cell lysates and other biological fluids.

Product Categories/Family for CISH elisa kit

[Signal transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124022
NCBI GeneID	1154
UniProt Accession #	Q9NSE2; Q9NS38; Q9Y5R1; B2R9N1; G5E9R1
Molecular Weight	30,734 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; G18; SOCS; CIS-1; BACTS2
NCBI Protein Information	cytokine-inducible SH2-containing protein; suppressor of cytokine signaling; cytokine-inducible inhibitor of signaling type 1B
UniProt Protein Name	Cytokine-inducible SH2-containing protein
UniProt Gene Name	CISH
UniProt Synonym Gene Names	G18; CIS; SOCS
UniProt Entry Name	CISH_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cish-human-elisa-kits/cytokine-inducible-sh2-containing-protein/189978>