

Mouse Cartilage intermediate layer protein 1 (CILP) ELISA Kit | CILP elisa kit

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CATALOG #
AAA244256

REACTIVITY
Mouse

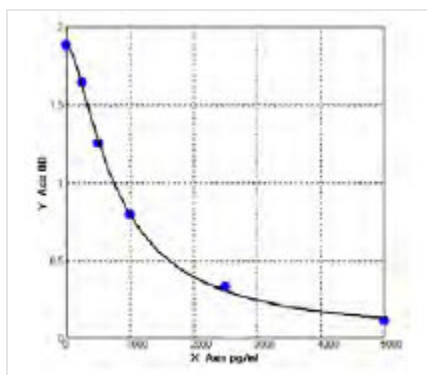
PRODUCT SYNONYMS

Cartilage intermediate layer protein 1 (CILP); Mouse Cartilage intermediate layer protein 1 (CILP) ELISA Kit; CILP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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 CILP elisa kit

Intended Uses: This CII ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CII. This ELISA kit for research use only!

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

Product Categories/Family for CILP elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373560
NCBI GeneID	8483
Molecular Weight	132,565 Da
NCBI Official Full Name	Cartilage intermediate layer protein 1
NCBI Official Synonym Full Names	cartilage intermediate layer protein, nucleotide pyrophosphohydrolase
NCBI Official Symbol	CILP
NCBI Official Synonym Symbols	CILP-1; HsT18872
NCBI Protein Information	cartilage intermediate layer protein 1; cartilage intermediate-layer protein; cartilage intermediate layer protein 1 C1; cartilage intermediate layer protein 1 C2
UniProt Protein Name	Cartilage intermediate layer protein 1
UniProt Gene Name	CILP
UniProt Synonym Gene Names	UNQ602/PRO1188; CILP-1
UniProt Entry Name	CILP1_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/mouse-elisa-kits/cartilage-intermediate-layer-protein-1-cilp/244256>