

Mouse Cartilage intermediate layer protein 2 (CILP2) ELISA Kit | CILP2 elisa kit

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CATALOG #
AAA244285

REACTIVITY
Mouse

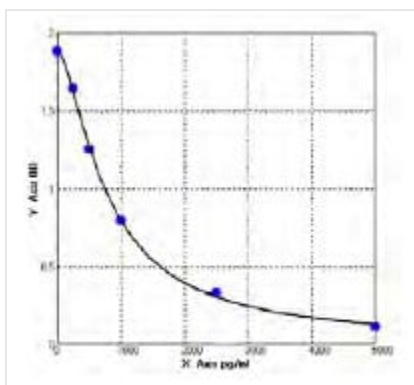
PRODUCT SYNONYMS

Cartilage intermediate layer protein 2 (CILP2); Mouse Cartilage intermediate layer protein 2 (CILP2) ELISA Kit; CILP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CILP2. No significant cross-reactivity or interference between CILP2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CILP2 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CILP2 elisa kit	Intended Uses: This CILP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CILP2. This ELISA kit for research use only! Principle of the Assay: CILP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CILP2 antibody and an CILP2-HRP conjugate. The assay sample and buffer are incubated together with CILP2-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 CILP2 concentration since CILP2 from samples and CILP2-HRP conjugate compete for the anti-CILP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CILP2 from the sample, fewer sites are left to bind CILP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CILP2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CILP2 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	145699139
NCBI GeneID	148113
NCBI Accession #	NP_694953.2
NCBI GenBank Nucleotide #	NM_153221.2
Molecular Weight	126,291 Da
NCBI Official Full Name	cartilage intermediate layer protein 2
NCBI Official Synonym Full Names	cartilage intermediate layer protein 2
NCBI Official Symbol	CILP2
NCBI Official Synonym Symbols	CLIP-2
NCBI Protein Information	cartilage intermediate layer protein 2; CILP-2; cartilage intermediate layer protein-like protein 2
UniProt Protein Name	Cartilage intermediate layer protein 2
UniProt Gene Name	CILP2
UniProt Synonym Gene Names	CILP-2
UniProt Entry Name	CILP2_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-2-cilp2/244285>