

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

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CATALOG #
AAA245707

REACTIVITY
Human

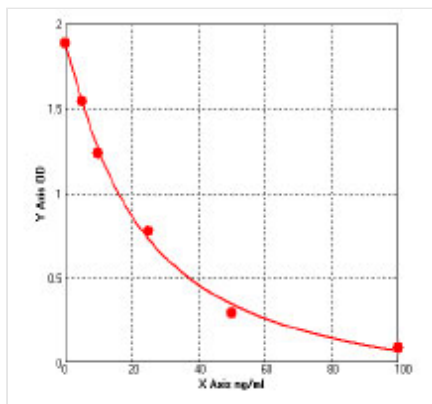
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/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 Human 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/human-elisa-kits/cartilage-intermediate-layer-protein-2-cilp2/245707>