

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

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CATALOG #
AAA123728

REACTIVITY
Human

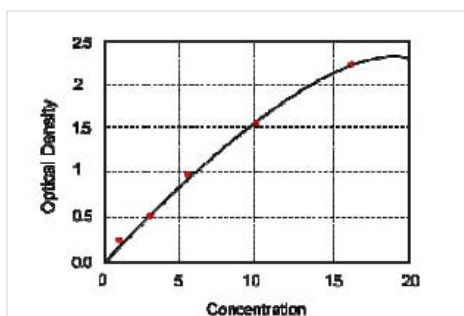
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1156
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15ng/L - 3000ng/L
Sensitivity	7.35ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CILP2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Cartilage Intermediate Layer Protein 2 (also known as CILP2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CILP2 antibody. CILP2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CILP2 Antibody is added and binds to CILP2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CILP2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CILP2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145699139
NCBI GenBank Nucleotide #	NP_694953.2
UniProt Accession #	Q8IUL8
NCBI Official Full Name	cartilage intermediate layer protein 2
UniProt Protein Name	Cartilage intermediate layer protein 2
UniProt Gene Name	CILP2
UniProt Synonym Gene Names	CILP-2

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-cilp2/123728>