

Human cartilage intermediate layer protein 2 ELISA Kit | CILP2 elisa kit

Human Cartilage intermediate layer protein 2, CILP2 ELISA Kit

CATALOG #
AAA112349

REACTIVITY
Human

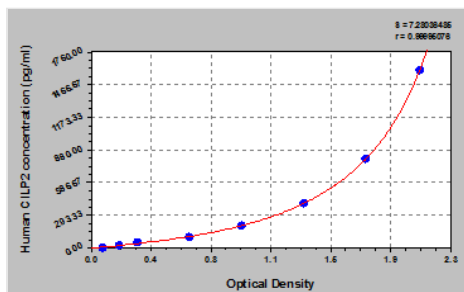
PRODUCT SYNONYMS

cartilage intermediate layer protein 2; Human Cartilage intermediate layer protein 2; CILP2 ELISA Kit; Human Cartilage intermediate layer protein 2 (CILP2) ELISA kit; CLIP-2; MGC45771; cartilage intermediate layer protein-like protein 2; CILP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CILP2. No significant cross-reactivity or interference between human CILP2 and analogues was observed.
Sequence Length	1156
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	25 pg/ml -1600 pg/ml.
Sensitivity	The minimum detectable dose of human CILP2 is typically less than 6.25 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CILP2 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CILP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CILP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CILP2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CILP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	145699139
NCBI GeneID	148113
NCBI Accession #	NP_694953.2
NCBI GenBank Nucleotide #	NM_153221.2
UniProt Accession #	Q8IUL8; Q6NV88; Q8N4A6; Q8WV21
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cilp2-human-elisa-kits/cartilage-intermediate-layer-protein-2/112349>