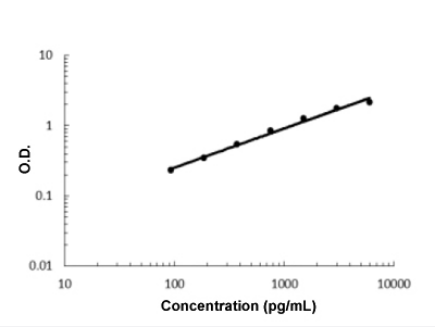
CILP (Human) ELISA Kit

Catalog # KA5840 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	CILP (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human CILP.
Suitable Sample	Cell Culture Supernates, Plasma (Citrate, EDTA, Heparin), and Serum.
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	93.8 to 6000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — CILP

Entrez GeneID	8483
Protein Accession#	O75339
Gene Name	CILP
Gene Alias	CILP-1, HsT18872
Gene Description	cartilage intermediate layer protein, nucleotide pyrophosphohydrolase
Omim ID	603489 603932
Gene Ontology	Hyperlink
Gene Summary	Major alterations in the composition of the cartilage extracellular matrix occur in joint disease, such as osteoarthrosis. This gene encodes the cartilage intermediate layer protein (CILP), which increases in early osteoarthrosis cartilage. The encoded protein was thought to encode a protein precursor for 2 different proteins, namely CILP and a homolog of NTPPHase, however later studies identified no nucleotide pyrophosphatase phosphodiesterase (NPP) activity. One isoform of the protein, CILP-1, functions as an IGF-1 antagonist. [provided by RefSeq
Other Designations	cartilage intermediate layer protein|cartilage intermediate layer protein 1 C1|cartilage intermediate layer protein 1 C2

Disease

- Disease Progression
- Genetic Predisposition to Disease
- Osteoarthritis

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