



Human cartilage oligomeric protein,COMP ELISA Kit

Product Code	CSB-E09138h
Abbreviation	COMP
Protein Biological Process 1	Apoptosis/Autophagy
Target Name	cartilage oligomeric matrix protein
Uniprot No.	P49747
Alias	EDM1, EPD1, MED, MGC131819, MGC149768, PSACH, THBS5, cartilage oligomeric matrix protein (pseudoachondroplasia, epiphyseal dysplasia 1, multiple) cartilage oligomeric matrix protein(pseudoachondropl
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Apoptosis
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cell Biology
Gene Names	COMP
Tag Info	quantitative
Protein Description	Sandwich
Description	<p>This Human COMP ELISA Kit was designed for the quantitative measurement of Human COMP protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.156 ng/ml-10 ng/ml and the sensitivity is 0.039 ng/ml.</p>
Target Details	<p>This protein is a noncollagenous extracellular matrix (ECM) protein. It consists of five identical glycoprotein subunits, each with EGF-like and calcium-binding (thrombospondin-like) domains. Oligomerization results from formation of a five-</p>



stranded coiled coil and disulfides. Binding to other ECM proteins such as collagen appears to depend on divalent cations. Mutations can cause the osteochondrodysplasias pseudochoondroplasia (PSACH) and multiple epiphyseal dysplasia (MED).

Product Precision

Linearity

Recovery

Typical

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E09138h.pdf","filename":"MSDS"}}