

Human Cartilage Oligomeric Matrix Protein (COMP) RTU ELISA Kit | COMP rtu elisa kit

Human Cartilage Oligomeric Matrix Protein (COMP) ELISA Kit

CATALOG #
AAA69891

REACTIVITY
Human

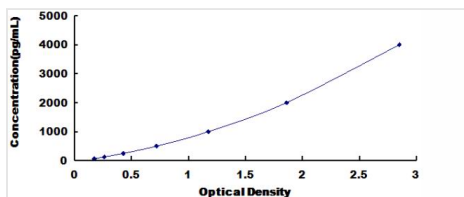
PRODUCT SYNONYMS

Cartilage Oligomeric Matrix Protein (COMP); Human Cartilage Oligomeric Matrix Protein (COMP) ELISA Kit; MED; EDM1; EPD1; PSACH; THBS5; TSP-5; Pseudoachondroplasia; Epiphyseal Dysplasia 1; Multiple; Thrombospondin 5; COMP rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	757
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	62.5-4000pg/mL
Sensitivity	23.9pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COMP rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to COMP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to COMP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain COMP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of COMP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40217843
NCBI GeneID	1311
NCBI Accession #	NP_000086.2
NCBI GenBank Nucleotide #	NM_000095.2
UniProt Accession #	P49747; O14592; Q16388; Q16389; Q2NL86; Q8N4T2; B4DKJ3
Molecular Weight	77,214 Da
NCBI Official Full Name	cartilage oligomeric matrix protein
NCBI Official Synonym Full Names	cartilage oligomeric matrix protein
NCBI Official Symbol	COMP
NCBI Official Synonym Symbols	MED; EDM1; EPD1; TSP5; PSACH; THBS5
NCBI Protein Information	cartilage oligomeric matrix protein
UniProt Protein Name	Cartilage oligomeric matrix protein
UniProt Gene Name	COMP
UniProt Synonym Gene Names	COMP; TSP5

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/human-rtu-elisa-kits/cartilage-oligomeric-matrix-protein-comp/69891>