

Canine Cartilage Oligomeric Matrix Protein, COMP ELISA Kit | COMP elisa kit

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CATALOG #
AAA123076

REACTIVITY
Canine

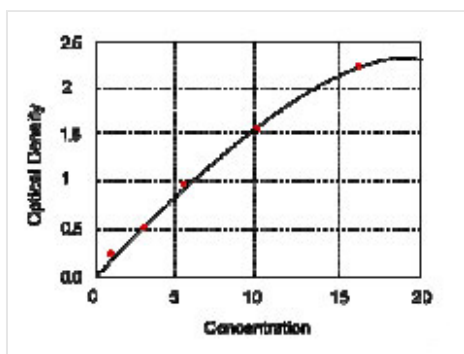
PRODUCT SYNONYMS

Cartilage Oligomeric Matrix Protein; COMP; Canine Cartilage Oligomeric Matrix Protein; COMP ELISA Kit; COMP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	757
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/ml - 300ng/ml
Sensitivity	0.43ng/ml
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 COMP elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Cartilage Oligomeric Matrix Protein (also known as COMP) 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 Canine COMP antibody. COMP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine COMP Antibody is added and binds to COMP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated COMP 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 Canine COMP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40217843
NCBI GeneID	1311
NCBI GenBank Nucleotide #	NP_000086.2
UniProt Accession #	P49747
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
UniProt Entry Name	COMP_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.

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Online datasheet: <https://www.aaabiotech.com/canine-elisa-kits/cartilage-oligomeric-matrix-protein-comp/123076>