

Chicken Cartilage Oligomeric Matrix Protein (COMP) ELISA Kit-Sandwich

Cat. No.: EK9F510

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Chicken COMP ELISA Kit-Sandwich is designed for the quantitative determination of Chicken cartilage oligomeric matrix protein (COMP) in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Chicken COMP.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	0.2-10 ng/mL
Sensitivity	0.03 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Cartilage oligomeric matrix protein is encoded by the *COMP* gene in chickens. Research has shown that multiple epiphyseal dysplasia and pseudoachondroplasia cartilage oligomeric matrix protein mutations affect chondrogenesis in chicken limb bud micromass cultures.

Target/Biomarker	Chicken COMP
Target Synonym	cartilage oligomeric matrix protein
Gene ID	420120
UniProt ID	A0A8V1AFJ0

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.