

Sheep COMP ELISA Kit | COMP elisa kit

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CATALOG #
AAA281505

REACTIVITY
Sheep

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for the detection of COMP. No significant cross-reactivity or interference between COMP and any homologous proteins assayed has been observed. Cross-reactivity with other species has not been specifically determined.
Sequence Length	147
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, tissue homogenate, body fluid
Sensitivity	1.0ng/ml
Conjugate	HRP
Detection Principle	Colorimetric
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for COMP elisa kit	Principle of the Assay: The COMP ELISA is a quantitative competitive immunoassay. The plate provided is coated with COMP specific antibody. Standards and experimental samples are co-incubated in wells along with COMP-HRP conjugate. COMP in standards and samples competes with the COMP-HRP conjugate for binding to the plate-bound antibody. Higher levels of COMP from standards or samples lead to decreased COMP-HRP conjugate binding and thus reduced signal. Captured COMP-HRP is quantitatively detected by incubation with HRP substrates (substrates A and B). Binding of the COMP-HRP is visualized by production of colorimetric reaction products that can be quantitatively measured by EMR absorbance at 450nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2618827
NCBI Official Full Name	ComP

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://www.aaabiotech.com/sheep-elisa-kits/comp/281505>