

General Chondroitin sulfate ELISA Kit | CS elisa kit

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CATALOG #
AAA29749

REACTIVITY
General

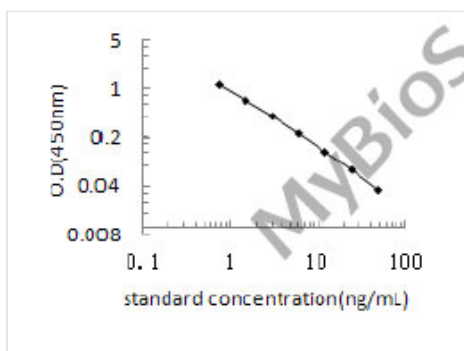
PRODUCT SYNONYMS

Chondroitin sulfate; General Chondroitin sulfate ELISA Kit; CS; CS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay recognizes recombinant and natural General Chondroitin sulfate. No significant cross-reactivity or interference was observed.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CS elisa kit

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Chondroitin sulfate. During the reaction, Chondroitin sulfate in the sample or standard competes with a fixed amount of biotin-labeled Chondroitin sulfate for sites on a pre-coated Monoclonal antibody specific to Chondroitin sulfate. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Chondroitin sulfate in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general Chondroitin sulfate concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

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.

