

Mouse Collagen Type II, Col II ELISA Kit | Col II elisa kit

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CATALOG #
AAA42876

REACTIVITY
Mouse

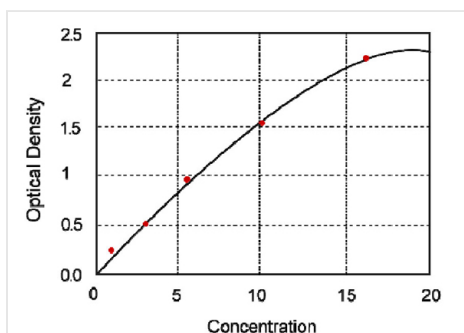
PRODUCT SYNONYMS

Collagen Type II; Col II; Mouse Collagen Type II; Col II ELISA Kit; Col II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	113
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-200ng/mL
Sensitivity	0.21ng/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 Col II elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse Col2 antibody. Col2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse Col2 Antibody is added and binds to Col2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Col2 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 Mouse Col2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Collagen Type 2 (also known as Col2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18026644
Molecular Weight	10,284 Da
NCBI Official Full Name	collagen type II, partial
UniProt Protein Name	Collagen type II

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://stage.aaabiotech.com/mouse-elisa-kits/collagen-type-ii-col-ii/42876>