

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

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CATALOG #
AAA43169

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	113
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.09ng/ml
Intra-Assay	CV<8%
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

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Collagen Type II (also known as Col II) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/collagen-type-ii-col-ii/43169>