

Human COL2 (Collagen Type II) ELISA Kit | COL2 elisa kit

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CATALOG #
AAA278303

REACTIVITY
Human

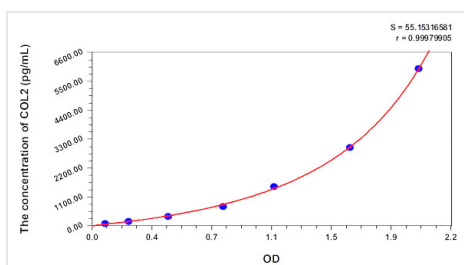
PRODUCT SYNONYMS

COL2 (Collagen Type II); Human COL2 (Collagen Type II) ELISA Kit; Collagen Type 2; Col 2; Collagen Type II; Col II; COL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.24ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COL2 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human COL2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human COL2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human COL2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human COL2 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for COL2 elisa kit

Metabolic pathway; Developmental science; Hepatology; Bone metabolism

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.