

Rat Collagen Type I, Col I ELISA Kit | Col I elisa kit

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CATALOG #
AAA41299

REACTIVITY
Rat

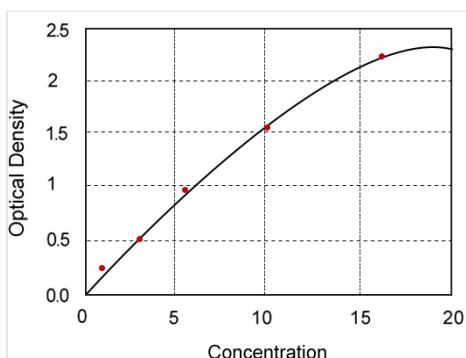
PRODUCT SYNONYMS

Collagen Type I; Col I; Rat Collagen Type I; Col I ELISA Kit; Col I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.22ng/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 I elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Collagen Type I (also known as Col I) 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 Rat Col I antibody. Col I present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Col I Antibody is added and binds to Col I in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Col I 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 Rat Col I. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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/rat-elisa-kits/collagen-type-i-col-i/41299>