

Mouse COL1 ELISA Kit | COL1 elisa kit

Mouse COL1 (Collagen Type I) ELISA Kit

CATALOG #
AAA165270

REACTIVITY
Mouse

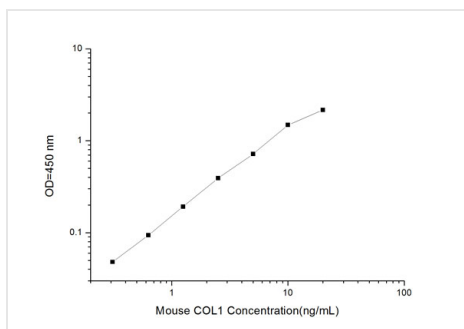
PRODUCT SYNONYMS

COL1; Mouse COL1 (Collagen Type I) ELISA Kit; COL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse COL1. No significant cross-reactivity or interference between Mouse COL1 and analogues was observed.
Sequence Length	339
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COL1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse COL1 concentrations in serum, plasma and other biological fluids. Principle of the Assay This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to COL1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for COL1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain COL1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of COL1. You can calculate the concentration of COL1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194244922
Molecular Weight	37,852 Da
NCBI Official Full Name	COL1, partial
UniProt Protein Name	COL1
UniProt Gene Name	COL1
UniProt Entry Name	B4YVJ5_BRANI

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://www.aaabiotech.com/mouse-elisa-kits/col1/165270>