

Mouse Type I Procollagen (PCI) ELISA Kit | PCI elisa kit

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CATALOG #
AAA121596

REACTIVITY
Mouse

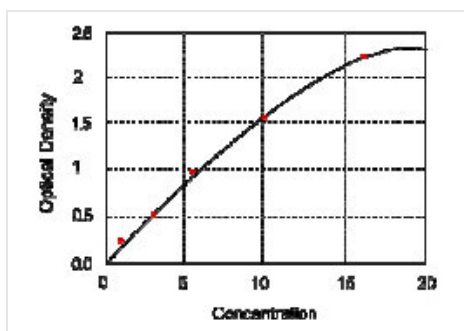
PRODUCT SYNONYMS

Type I Procollagen (PCI); Mouse Type I Procollagen (PCI) ELISA Kit; PCI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	54
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml-30ng/ml
Sensitivity	0.05ng/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 PCI elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Troponin T Type 2, Cardiac (also known as TNNT2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse TNNT2 antibody. TNNT2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse TNNT2 Antibody is added and binds to TNNT2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TNNT2 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 TNNT2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5705883
NCBI GeneID	1278
Molecular Weight	129,314 Da
NCBI Official Full Name	type I procollagen, partial
NCBI Official Synonym Full Names	collagen type I alpha 2 chain
NCBI Official Symbol	COL1A2
NCBI Official Synonym Symbols	OI4; EDSCV; EDSARTH2
NCBI Protein Information	collagen alpha-2(I) chain
UniProt Protein Name	Collagen alpha-2(I) chain
UniProt Gene Name	COL1A2

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://www.aaabiotech.com/mouse-elisa-kits/type-i-procollagen-pci/121596>