

Porcine Decorin (DCN) ELISA Kit | DCN elisa kit

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CATALOG #
AAA122719

REACTIVITY
Porcine

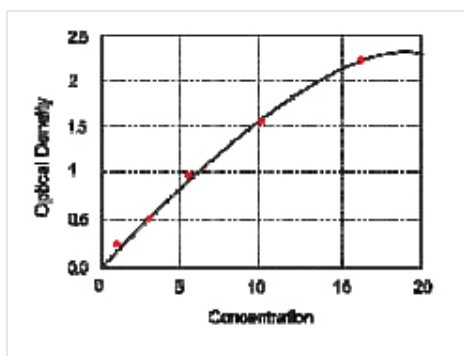
PRODUCT SYNONYMS

Decorin (DCN); Porcine Decorin (DCN) ELISA Kit; DCN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	359
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/ml-400ng/ml
Sensitivity	0.51ng/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 DCN elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Porcine C-telopeptide of Type II Collagen (also known as CTX-II) 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 Porcine CTX-II antibody. CTX-II present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Porcine CTX-II Antibody is added and binds to CTX-II in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CTX-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 Porcine CTX-II. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19743846
NCBI GeneID	1634
NCBI Accession #	NP_598010.1
NCBI GenBank Nucleotide #	NM_133503.3
UniProt Accession #	P07585
NCBI Official Full Name	decorin isoform a preproprotein
NCBI Official Synonym Full Names	decorin
NCBI Official Symbol	DCN
NCBI Official Synonym Symbols	CSCD; PG40; PGII; PGS2; DSPG2; SLRR1B
NCBI Protein Information	decorin
UniProt Protein Name	Decorin
UniProt Gene Name	DCN
UniProt Synonym Gene Names	SLRR1B
UniProt Entry Name	PGS2_HUMAN

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/porcine-elisa-kits/decorin-dcn/122719>