

Mouse decorin ELISA Kit | DCN elisa kit

Mouse Decorin, DCN ELISA Kit

CATALOG #
AAA112839

REACTIVITY
Mouse

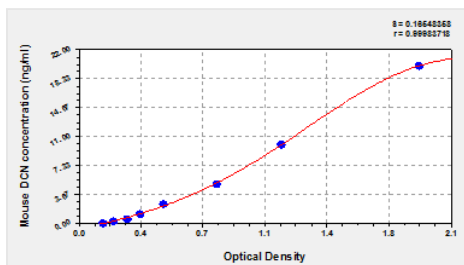
PRODUCT SYNONYMS

decorin; Mouse Decorin; DCN ELISA Kit; Mouse Decorin (DCN) ELISA kit; CSCD; DSPG2; PG40; PGII; PGS2; SLRR1B; bone proteoglycan II; decorin proteoglycan; dermatan sulphate proteoglycans II; proteoglycan core protein; small leucine-rich protein 1B; DCN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse DCN. No significant cross-reactivity or interference between mouse DCN and analogues was observed.
Sequence Length	354
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	78 pg/ml -5000 pg/ml.
Sensitivity	19.5 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DCN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for DCN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DCN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DCN is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of DCN bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	299758443
NCBI GeneID	13179
NCBI Accession #	NP_001177380.1
NCBI GenBank Nucleotide #	NM_001190451.1
UniProt Accession #	P28654
Molecular Weight	39,809 Da
NCBI Official Full Name	decorin preproprotein
NCBI Official Synonym Full Names	decorin
NCBI Official Symbol	Dcn
NCBI Official Synonym Symbols	DC; PG40; PGI; PGS2; mDcn; DSPG2; SLRR1B
NCBI Protein Information	decorin; bone proteoglycan II
UniProt Protein Name	Decorin
UniProt Gene Name	Dcn
UniProt Entry Name	PGS2_MOUSE

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.