

Rat DCN (Decorin) ELISA Kit | DCN elisa kit

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CATALOG #
AAA278007

REACTIVITY
Rat

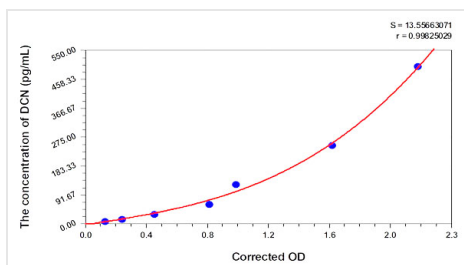
PRODUCT SYNONYMS

DCN (Decorin); Rat DCN (Decorin) ELISA Kit; CSCD; DSPG2; PG40; PGII; PGS2; PG-S2; SLRR1B; Bone proteoglycan II; DCN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.63-1000pg/mL
Sensitivity	6.12pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DCN elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat DCN. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat DCN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat DCN, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat DCN in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for DCN elisa kit

Signal transduction; Developmental science; Bone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	54020664
NCBI GeneID	29139
NCBI Accession #	NP_077043.1

NCBI GenBank Nucleotide #	NM_024129.1
UniProt Accession #	Q01129
Molecular Weight	39,805 Da
NCBI Official Full Name	decorin
NCBI Official Synonym Full Names	decorin
NCBI Official Symbol	Dcn
NCBI Protein Information	decorin; DSPG; PG40; PG-S2; bone proteoglycan II; dermatan sulfate proteoglycan-II (decorin)
UniProt Protein Name	Decorin
UniProt Gene Name	Dcn
UniProt Synonym Gene Names	DSPG
UniProt Entry Name	PGS2_RAT

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/rat-elisa-kits/dcn-decorin/278007>