

Datasheet for ABIN6720162

Decorin ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	1 kit
Target:	Decorin (DCN)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: Bone proteoglycan II, CSCD, DCN, DCN protein, Decorin, Decorin proteoglycan, Dermatan sulphate proteoglycans II, DKFZp686J19238, DSPG 2, DSPG2, PG 40 , PG II, PG S2, PG-S2, PG40, PGII, PGS 2, PGS2, PGS2_HUMAN, Proteoglycan core protein, SLRR1B, Small leucine rich protein 1B</p> <p>Background: Decorin is a proteoglycan on average 90 - 140 kilodaltons(kD) in size. It belongs to the small leucine-rich proteoglycan(SLRP) family and consists of a protein core containing leucine repeats with a glycosaminoglycan(GAG) chain consisting of either chondroitin sulfate(CS) or dermatan sulfate(DS). Using a genomic clone as the labeled probe and in situ</p>

Product Details

hybridization of human metaphase chromosomes, decorin gene was mapped to the discrete region of human chromosome 12q23. Decorin is capable of suppressing the growth of various tumor cell lines when expressed ectopically.

Gene Name: DCN

Production: Natural and recombinant human Decorin. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: D31-K359

Target Details

Target:	Decorin (DCN)
Alternative Name:	Decorin (DCN Products)
Gene ID:	1634
NCBI Accession:	NP_001911
UniProt:	P07585
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL human Decorin standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human Decorin standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 31.2pg/mL-2000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

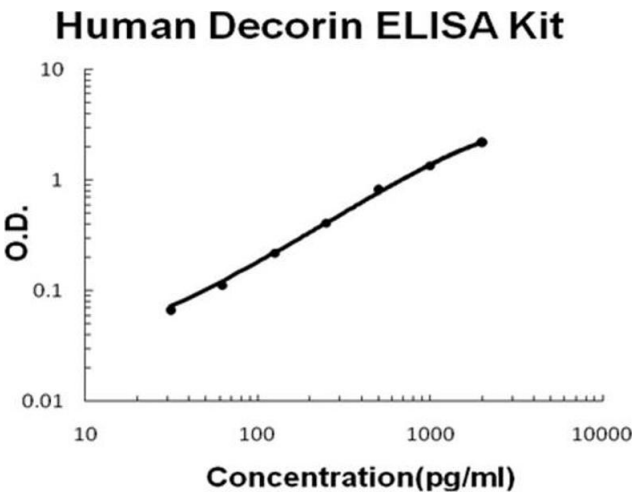
Handling

Storage:	RT, 4 °C, -20 °C
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Handling

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Images



ELISA

Image 1. Human Decorin Accusignal ELISA Kit Human Decorin AccuSignal ELISA Kit standard curve. Assay Range: 31.2pg/ml-2000pg/ml. Sensitivity: <10pg/ml.