

Rat Decorin ELISA Kit | DCN elisa kit

Rat Decorin ELISA Kit

CATALOG #
AAA85394

REACTIVITY
Rat

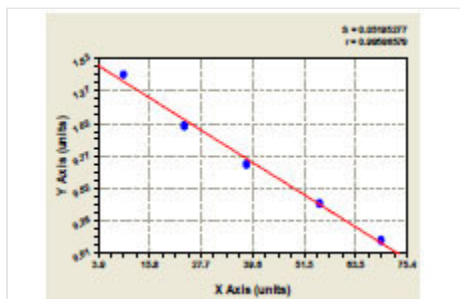
PRODUCT SYNONYMS

Decorin; Rat Decorin ELISA Kit; DCN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DCN elisa kit

Intended Uses: This Decorin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat Decorin. This ELISA kit for research use only!

Principle of the Assay: Decorin ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-Decorin antibody and an Decorin-HRP conjugate. The assay sample and buffer are incubated together with Decorin-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Decorin concentration since Decorin from samples and Decorin-HRP conjugate compete for the anti-Decorin antibody binding site. Since the number of sites is limited, as more sites are occupied by Decorin from the sample, fewer sites are left to bind Decorin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Decorin concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	609452
Molecular Weight	8,266 Da
NCBI Official Full Name	decorin, partial
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/dcn-rat-elisa-kits/decorin/85394>