

Human Neurocan Core Protein (NCAN) ELISA Kit | NCAN elisa kit

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CATALOG #
AAA331513

REACTIVITY
Human

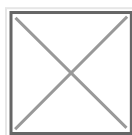
PRODUCT SYNONYMS

Neurocan Core Protein (NCAN); Human Neurocan Core Protein (NCAN) ELISA Kit; CSPG3; FLJ44681; chondroitin sulfate proteoglycan 3; chondroitin sulfate proteoglycan 3 (neurocan); neurocan proteoglycan; NCAN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Neurocan core protein (NCAN) ELISA Kit has high sensitivity and excellent specificity for detection of Human NCAN. No significant cross-reactivity or interference between Human NCAN and analogues was observed.
Sequence Length	1321
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Neurocan core protein (NCAN) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NCAN elisa kit	Description: This Human Neurocan core protein (NCAN) ELISA Kit employs a two-site sandwich ELISA to quantitate NCAN in samples. An antibody specific for NCAN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NCAN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NCAN is added to the wells. After washing, Streptavidin 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 NCAN bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Neurocan is a chondroitin sulfate proteoglycan thought to be involved in the modulation of cell adhesion and migration.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118600983
NCBI GeneID	1463
NCBI Accession #	NP_004377.2
NCBI GenBank Nucleotide #	NP_004377.2
UniProt Accession #	O14594
NCBI Official Full Name	neurocan core protein
NCBI Official Synonym Full Names	neurocan
NCBI Official Symbol	NCAN
NCBI Official Synonym Symbols	CSPG3
NCBI Protein Information	neurocan core protein
UniProt Protein Name	Neurocan core protein
UniProt Gene Name	NCAN
UniProt Synonym Gene Names	CSPG3; NEUR
UniProt Entry Name	NCAN_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/human-elisa-kits/neurocan-core-protein-ncan/331513>