

Rat Bcan (Brevican core protein) ELISA Kit | Bcan elisa kit

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CATALOG #
AAA249410

REACTIVITY
Rat

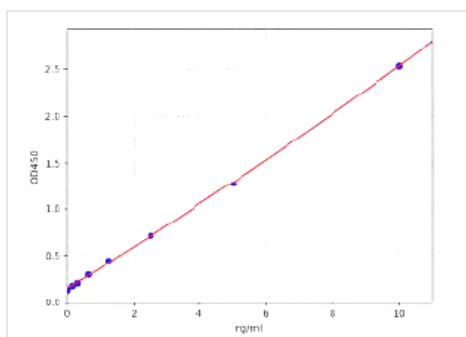
PRODUCT SYNONYMS

Bcan (Brevican core protein); Rat Bcan (Brevican core protein) ELISA Kit; BCAN; BEHAB; Brevican; Brevican core protein; CSPG7; Bcan elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Bcan. No significant cross-reactivity or interference between Bcan and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bcan elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	75992948
NCBI GeneID	25393
NCBI Accession #	NP_001028837.1
NCBI GenBank Nucleotide #	NM_001033665.1
UniProt Accession #	P55068; Q62860; Q63040; Q63513
Molecular Weight	69,085 Da
NCBI Official Full Name	brevican core protein isoform 1
NCBI Official Synonym Full Names	brevican
NCBI Official Symbol	Bcan
NCBI Official Synonym Symbols	BEHAB; ALPBRE
NCBI Protein Information	brevican core protein; brain-enriched hyaluronan-binding protein; brevican (brain specific proteoglycan in the aggrecan family)
UniProt Protein Name	Brevican core protein
UniProt Gene Name	Bcan
UniProt Synonym Gene Names	Behab; BEHAB
UniProt Entry Name	PGCB_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://stage.aaabiotech.com/rat-elisa-kits/bcan-brevican-core-protein/249410>