

Rat Brevican ELISA Kit | BCAN elisa kit

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CATALOG #
AAA87311

REACTIVITY
Rat

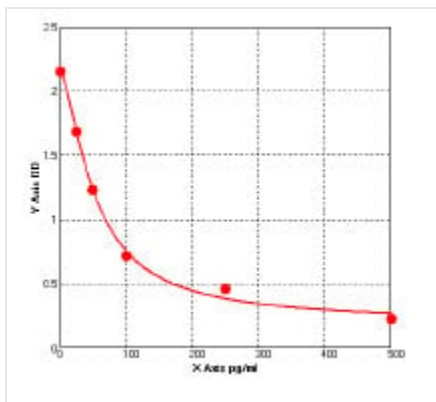
PRODUCT SYNONYMS

Brevican; Rat Brevican ELISA Kit; 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BCAN and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BCAN elisa kit	Intended Uses: This BCAN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat BCAN. This ELISA kit for research use only! Principle of the Assay: BCAN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BCAN antibody and an BCAN-HRP conjugate. The assay sample and buffer are incubated together with BCAN-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 BCAN concentration since BCAN from samples and BCAN-HRP conjugate compete for the anti-BCAN antibody binding site. Since the number of sites is limited, as more sites are occupied by BCAN from the sample, fewer sites are left to bind BCAN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BCAN concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BCAN elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	55959670
UniProt Accession #	Q5T3I6
Molecular Weight	24,914 Da
UniProt Protein Name	Brevican core protein
UniProt Gene Name	BCAN
UniProt Entry Name	Q5T3I6_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/bcan-rat-elisa-kits/brevican/87311>