Mouse Branched-chain-amino-acid aminotransferase, cytosolic (BCAT1) ELISA Kit | BCAT1 elisa kit

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CATALOG #	REACTIVITY
AAA246752	**Mouse**

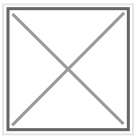
PRODUCT SYNONYMS

Branched-chain-amino-acid aminotransferase; cytosolic (BCAT1); Mouse Branched-chain-amino-acid aminotransferase; cytosolic (BCAT1) ELISA Kit; BCAT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 BCAT1 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57164219
NCBI GeneID	443485
NCBI Accession #	NP_001009444.1

NCBI GenBank Nucleotide #	NM_001009444.1
Molecular Weight	43,073 Da
NCBI Official Full Name	branched-chain-amino-acid aminotransferase, cytosolic
NCBI Official Symbol	BCAT1
NCBI Protein Information	branched-chain-amino-acid aminotransferase, cytosolic; BCAT(c); branched chain aminotransferase 1, cytosolic; cytosolic branched-chain amino acid aminotransferase
UniProt Protein Name	Branched-chain-amino-acid aminotransferase, cytosolic
UniProt Gene Name	**BCAT1**
UniProt Synonym Gene Names	BCAT(c)
UniProt Entry Name	BCAT1_SHEEP

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/mouse-elisa-kits/branched-chain-amino-acid-aminotransferase-cytosolic-bcat1/246752