

Mouse Bile acid-CoA:amino acid N-acyltransferase (BAAT) ELISA Kit | BAAT elisa kit

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CATALOG #
AAA246534

REACTIVITY
Mouse

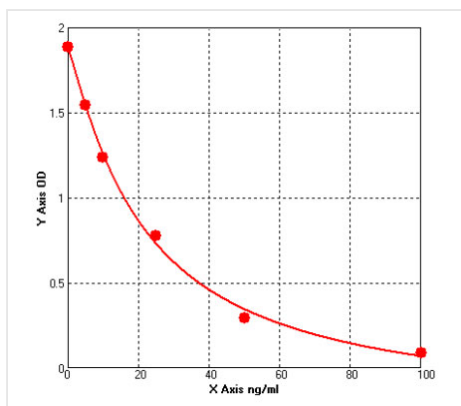
PRODUCT SYNONYMS

Bile acid-CoA:amino acid N-acyltransferase (BAAT); Mouse Bile acid-CoA:amino acid N-acyltransferase (BAAT) ELISA Kit; BAAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of BAAT. No significant cross-reactivity or interference between BAAT and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BAAT and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAAT elisa kit	Principle of the Assay: BAAT ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BAAT antibody and an BAAT-HRP conjugate. The assay sample and buffer are incubated together with BAAT-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 BAAT concentration since BAAT from samples and BAAT-HRP conjugate compete for the anti-BAAT antibody binding site. Since the number of sites is limited, as more sites are occupied by BAAT from the sample, fewer sites are left to bind BAAT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BAAT concentration in each sample is interpolated from this standard curve. Intended Uses: This BAAT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse BAAT. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for BAAT elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	189083866
NCBI GeneID	570
NCBI Accession #	NP_001121082.1
NCBI GenBank Nucleotide #	NM_001127610.1
Molecular Weight	46,299 Da
NCBI Official Full Name	bile acid-CoA:amino acid N-acyltransferase
NCBI Official Synonym Full Names	bile acid CoA:amino acid N-acyltransferase
NCBI Official Symbol	BAAT
NCBI Official Synonym Symbols	BAT; BACAT
NCBI Protein Information	bile acid-CoA:amino acid N-acyltransferase; long-chain fatty-acyl-CoA hydrolase; bile acid CoA: amino acid N-acyltransferase (glycine N-choloyltransferase); bile acid Coenzyme A: amino acid N-acyltransferase (glycine N-choloyltransferase)
UniProt Protein Name	Bile acid-CoA:amino acid N-acyltransferase
UniProt Gene Name	BAAT
UniProt Synonym Gene Names	BACAT; BAT
UniProt Entry Name	BAAT_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/mouse-elisa-kits/bile-acid-coaamino-acid-n-acyltransferase-baat/246534>