

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

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CATALOG #
AAA246869

REACTIVITY
Human

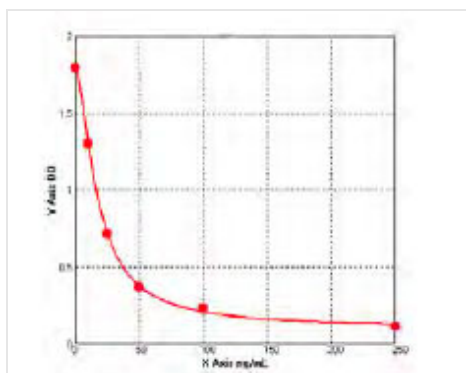
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 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

Intended Uses: This B9D1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanB9D1. This ELISA kit for research use only!

Principle of the Assay: B9D1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-B9D1 antibody and an B9D1-HRP conjugate. The assay sample and buffer are incubated together with B9D1-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 B9D1 concentration since B9D1 from samples and B9D1-HRP conjugate compete for the anti-B9D1 antibody binding site. Since the number of sites is limited, as more sites are occupied by B9D1 from the sample, fewer sites are left to bind B9D1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The B9D1 concentration in each sample is interpolated from this standard curve.

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/human-elisa-kits/bile-acid-coaamino-acid-n-acyltransferase-baat/246869>