

Human AS AHL ELISA Kit | AS AHL elisa kit

Human AS AHL ELISA Kit PicoKine

CATALOG # AAA127998	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

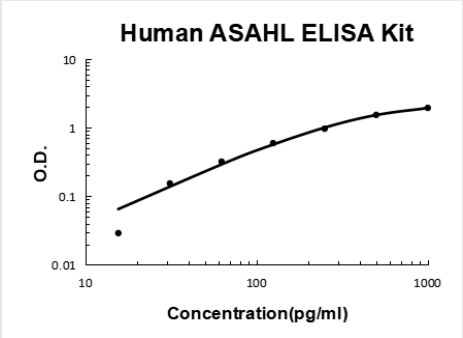
AS AHL; Human AS AHL ELISA Kit PicoKine; AS AHL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA, citrate)
Assay Range	15.6pg/ml-1,000pg/ml
Sensitivity	<8pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: CHO; Immunogen sequence: M1-K359
Anticoagulant	heparin, EDTA or citrate
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for AS AHL elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)015.631.262.51252505001,000O.D.0.0260.0480.1650.2110.4340.8161.2542.016
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)30484372534452Standard deviation0.882.3731.810.841.1712.75CV(%)2.9%4.9%7.3%3.3%3.5%2.8%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 130302425271.716.3%Sample 248364959482.755.7%Sample 343740142345242822.185.2%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human AS AHL PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for AS AHL elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for AS AHL elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	109148548
NCBI GeneID	27163
NCBI Accession #	NP_001035861.1
NCBI GenBank Nucleotide #	NM_001042402.1
UniProt Accession #	Q02083 ; Q5KTF2 ; Q96EY2 ; Q9BRA8
Molecular Weight	40,066 Da
NCBI Official Full Name	N-acylethanolamine-hydrolyzing acid amidase isoform 2
NCBI Official Synonym Full Names	N-acylethanolamine acid amidase
NCBI Official Symbol	NAAA
NCBI Official Synonym Symbols	PLT; AS AHL
NCBI Protein Information	N-acylethanolamine-hydrolyzing acid amidase; AS AH-like protein; acid ceramidase-like protein
UniProt Protein Name	N-acylethanolamine-hydrolyzing acid amidase
UniProt Gene Name	NAAA
UniProt Synonym Gene Names	AS AHL; PLT; AS AH-like protein
UniProt Entry Name	NAAA_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/asah/127998>