

Mouse Achaete-scute homolog 1 ELISA Kit | ASH1 elisa kit

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CATALOG # AAA86826	REACTIVITY Mouse
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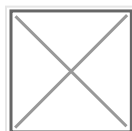
PRODUCT SYNONYMS

Achaete-scute homolog 1; Mouse Achaete-scute homolog 1 ELISA Kit; ASH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ASH1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ASH1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASH1 elisa kit	Principle of the assay: ASH1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ASH1 antibody and an ASH1-HRP conjugate. The assay sample and buffer are incubated together with ASH1-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 ASH1 concentration since ASH1 from samples and ASH1-HRP conjugate compete for the anti-ASH1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ASH1 from the sample, fewer sites are left to bind ASH1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ASH1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ASH1 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	55743094
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NCBI GeneID	429
NCBI Accession #	NP_004307.2
NCBI GenBank Nucleotide #	NM_004316.3
Molecular Weight	25,454 Da
NCBI Official Full Name	achaete-scute homolog 1
NCBI Official Synonym Full Names	achaete-scute family bHLH transcription factor 1
NCBI Official Symbol	ASCL1
NCBI Official Synonym Symbols	ASH1; HASH1; MASH1; bHLHa46
NCBI Protein Information	achaete-scute homolog 1; ASH-1; achaete scute protein; achaete-scute complex-like 1; achaete-scute complex homolog 1; class A basic helix-loop-helix protein 46
UniProt Protein Name	Achaete-scute homolog 1
UniProt Gene Name	ASCL1
UniProt Synonym Gene Names	ASH1; BHLHA46; HASH1; ASH-1; hASH1; bHLHa46
UniProt Entry Name	ASCL1_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/ash1-mouse-elisa-kits/achaete-scute-homolog-1/86826>