

Human Achaete scute homolog 2 (ASCL2) ELISA Kit | ASCL2 elisa kit

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CATALOG # AAA246159	REACTIVITY Human
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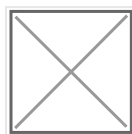
PRODUCT SYNONYMS

Achaete scute homolog 2 (ASCL2); Human Achaete scute homolog 2 (ASCL2) ELISA Kit; ASCL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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 ASCL2 elisa kit	<p>Intended Uses: This ASAH-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ASAH-1. This ELISA kit for research use only!</p> <p>Principle of the Assay: ASAH-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ASAH-1 antibody and an ASAH-1-HRP conjugate. The assay sample and buffer are incubated together with ASAH-1-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 ASAH-1 concentration since ASAH-1 from samples and ASAH-1-HRP conjugate compete for the anti-ASAH-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ASAH-1 from the sample, fewer sites are left to bind ASAH-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ASAH-1 concentration in each sample is interpolated from this standard curve.</p>
Product Categories/Family for ASCL2 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885665
NCBI GeneID	430

NCBI Accession #	NP_005161.1
NCBI GenBank Nucleotide #	NM_005170.2
Molecular Weight	20,185 Da
NCBI Official Full Name	achaete-scute homolog 2
NCBI Official Synonym Full Names	achaete-scute family bHLH transcription factor 2
NCBI Official Symbol	ASCL2
NCBI Official Synonym Symbols	ASH2; HASH2; MASH2; bHLHa45
NCBI Protein Information	achaete-scute homolog 2; ASH-2; achaete-scute complex-like 2; achaete-scute complex homolog 2; mammalian achaete/scute homologue 2; class A basic helix-loop-helix protein 45
UniProt Protein Name	Achaete-scute homolog 2
UniProt Gene Name	ASCL2
UniProt Synonym Gene Names	BHLHA45; HASH2; ASH-2; hASH2; bHLHa45
UniProt Entry Name	ASCL2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/achaete-scute-homolog-2-ascl2/246159>