

Human Achaete-scute homolog 1 (ASCL1) ELISA Kit | ASCL1 elisa kit

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CATALOG #
AAA43904

REACTIVITY
Human

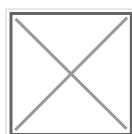
PRODUCT SYNONYMS

Achaete-scute homolog 1 (ASCL1); Human Achaete-scute homolog 1 (ASCL1) ELISA Kit; ASCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	236
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.78ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASCL1 elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ASCL1 antibody. ASCL1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ASCL1 Antibody is added and binds to ASCL1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ASCL1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human ASCL1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Achaete-scute homolog 1 (also known as ASCL1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55743094
NCBI GeneID	429

NCBI Accession #	NP_004307.2
NCBI GenBank Nucleotide #	NM_004316.3
UniProt Accession #	P50553; Q9BQ30; A8K3C4
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
UniProt Protein Name	Achaete-scute homolog 1
UniProt Gene Name	ASCL1
UniProt Synonym Gene Names	ASH1; BHLHA46ImportedManual assertion inferred from database entriesHGNC:738; HASH11 PublicationManual assertion based on opinion iniRef.1; bHLHa46ImportedManual assertion inferred from database entriesHGNC:738

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/achaete-scute-homolog-1-ascl1/43904>