

Human L-asparaginase ELISA Kit | ASRGL1 elisa kit

Human L-asparaginase ELISA Kit

CATALOG #
AAA192737

REACTIVITY
Human

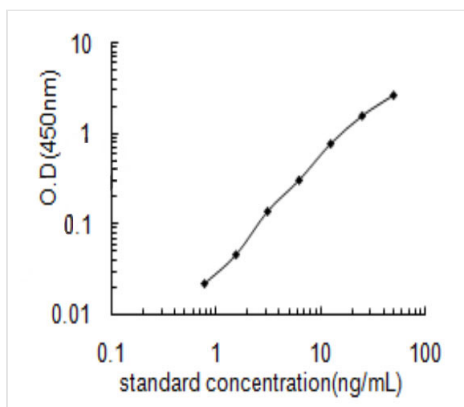
PRODUCT SYNONYMS

L-asparaginase; Human L-asparaginase ELISA Kit; Asparaginase-like protein 1; L-asparagine amidohydrolase; ASRGL1; ALP; CRASH; 3.4.19.5; Isoaspartyl dipeptidase; ASRGL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human L-asparaginase
Sequence Length	308
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.39 ng/mL
Intra-assay Precision	<=4.5%
Inter-assay Precision	<=8.0%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASRGL1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145275202
NCBI GeneID	80150
NCBI Accession #	NP_001077395.1
NCBI GenBank Nucleotide #	NM_001083926.1
UniProt Accession #	Q7L266; Q567Q4; Q6P1P0; Q8NI34; Q9H6F7; B2R7Q0
Molecular Weight	18,981 Da
NCBI Official Full Name	isoaspartyl peptidase/L-asparaginase
NCBI Official Synonym Full Names	asparaginase like 1
NCBI Official Symbol	ASRGL1
NCBI Official Synonym Symbols	ALP; ALP1; CRASH
NCBI Protein Information	isoaspartyl peptidase/L-asparaginase
UniProt Protein Name	Isoaspartyl peptidase/L-asparaginase
UniProt Gene Name	ASRGL1
UniProt Synonym Gene Names	ALP; CRASH
UniProt Entry Name	ASGL1_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/asrgl1-human-elisa-kits/l-asparaginase/192737>