

Human Aminoadipate Semialdehyde Phosphopantetheinyl Transferase (AASDHPPT) ELISA Kit | AASDHPPT elisa kit

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CATALOG # AAA66601	REACTIVITY Human
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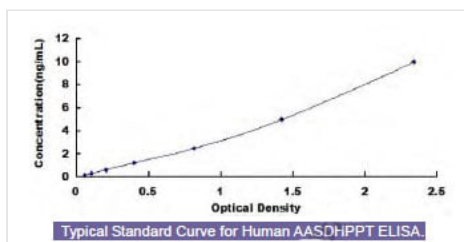
PRODUCT SYNONYMS

Aminoadipate Semialdehyde Phosphopantetheinyl Transferase (AASDHPPT); Human Aminoadipate Semialdehyde Phosphopantetheinyl Transferase (AASDHPPT) ELISA Kit; AASDHPPT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AASDHPPT. No significant cross-reactivity or interference between AASDHPPT and analogues was observed.
Sequence Length	309
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level AASDHPPT were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level AASDHPPT were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AASDHPPT elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of AASDHPPT in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AASDHPPT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to AASDHPPT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain AASDHPPT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of AASDHPPT in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20357568
NCBI GeneID	60496
NCBI Accession #	NP_056238.2
NCBI GenBank Nucleotide #	NM_015423.2
UniProt Accession #	Q9NRN7; Q9C068; Q9P0Q3; Q9UG80; Q9Y389; B2R6D1; B4DDW7
Molecular Weight	15,574 Da
NCBI Official Full Name	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
NCBI Official Synonym Full Names	aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
NCBI Official Symbol	AASDHPPT
NCBI Official Synonym Symbols	ACPS; LYS2; LYS5; CGI-80; AASD-PPT
NCBI Protein Information	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
UniProt Protein Name	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
UniProt Gene Name	AASDHPPT
UniProt Synonym Gene Names	AASD-PPT

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/aminoadipate-semialdehyde-phosphopantetheinyl-transferase-aasdhppt/66601>