

Mouse Aspartoacylase ELISA Kit | Aspa elisa kit

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CATALOG #
AAA190675

REACTIVITY
Mouse

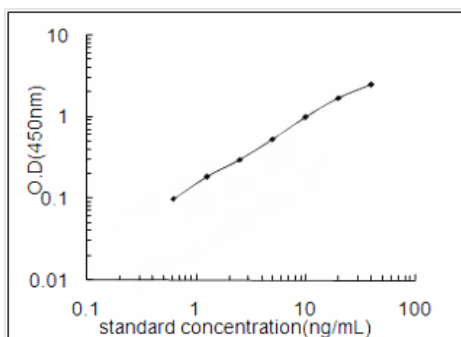
PRODUCT SYNONYMS

Aspartoacylase; Mouse Aspartoacylase ELISA Kit; Aminoacylase-2; ACY-2; Aspa; 3.5.1.15; Aspa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Aspartoacylase. No significant cross-reactivity or interference was observed.
Sequence Length	312
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.62 ng/mL -40.0 ng/mL.
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 Aspa elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Aspartoacylase concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Aspartoacylase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Aspartoacylase and 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 Aspartoacylase, 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 $\pm$ 2 nm. The concentration of Aspartoacylase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31560279
NCBI GeneID	11484
NCBI Accession #	NP_075602.2
NCBI GenBank Nucleotide #	NM_023113.5
UniProt Accession #	Q8R3P0; Q5SV07; Q9D876; Q9DCE2; Q9JIN8
Molecular Weight	35,345 Da
NCBI Official Full Name	aspartoacylase
NCBI Official Synonym Full Names	aspartoacylase
NCBI Official Symbol	Aspa
NCBI Official Synonym Symbols	Acy2; nur7; Acy-2
NCBI Protein Information	aspartoacylase
UniProt Protein Name	Aspartoacylase
UniProt Gene Name	Aspa
UniProt Synonym Gene Names	ACY-2
UniProt Entry Name	ACY2_MOUSE

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/aspa-mouse-elisa-kits/aspartoacylase/190675>