

Human ASAH1 (N-Acylsphingosine Amidohydrolase 1) ELISA Kit | ASAH1 elisa kit

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CATALOG #
AAA271339

REACTIVITY
Human

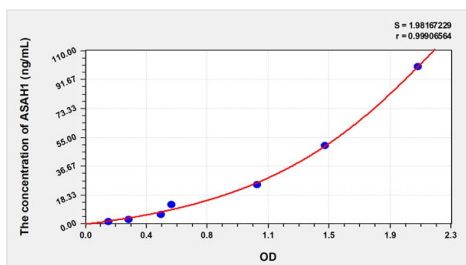
PRODUCT SYNONYMS

ASAH1 (N-Acylsphingosine Amidohydrolase 1); Human ASAH1 (N-Acylsphingosine Amidohydrolase 1) ELISA Kit; AC; ASAH; PHP; PHP32; Acid Ceramidase; Acylsphingosine deacylase; Putative 32 kDa heart protein; ASAH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	tissue homogenates, cell lysates and other biological fluids
Assay Type	Sandwich
Detection Range	1.57-100 ng/mL
Sensitivity	0.63 ng/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASAH1 elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to N-Acylsphingosine Amidohydrolase 1(ASAH1). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to N-Acylsphingosine Amidohydrolase 1(ASAH1). 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 N-Acylsphingosine Amidohydrolase 1(ASAH1), 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 $\pm$ 10nm. The concentration of N-Acylsphingosine Amidohydrolase 1(ASAH1) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for ASAH1 elisa kit

Enzyme & Kinase

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/asah1-n-acylsphingosine-amidohydrolase-1/271339>