

Human N-Acylethanolamine Acid Amidase (NAAA) ELISA Kit | NAAA elisa kit

Human N-Acylethanolamine Acid Amidase (NAAA) ELISA Kit

CATALOG #
AAA65556

REACTIVITY
Human

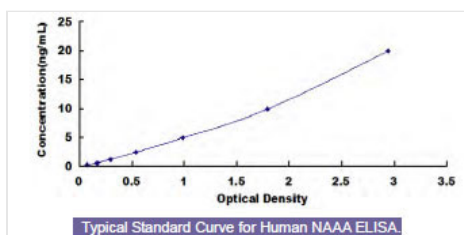
PRODUCT SYNONYMS

N-Acylethanolamine Acid Amidase (NAAA); Human N-Acylethanolamine Acid Amidase (NAAA) ELISA Kit; PEO; POLG1; POLGA; SANDO; SCAE; NAAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NAAA. No significant cross-reactivity or interference between NAAA and analogues was observed.
Sequence Length	199
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.122ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NAAA 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 NAAA 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 NAAA elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NAAA in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NAAA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NAAA. 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 NAAA, 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 NAAA in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	109148548
NCBI GeneID	27163
NCBI Accession #	NP_001035861.1
NCBI GenBank Nucleotide #	NM_001042402.1
UniProt Accession #	Q02083; Q5KTF2; Q96EY2; Q9BRA8
Molecular Weight	22,020 Da
NCBI Official Full Name	N-acylethanolamine-hydrolyzing acid amidase isoform 2
NCBI Official Synonym Full Names	N-acylethanolamine acid amidase
NCBI Official Symbol	NAAA
NCBI Official Synonym Symbols	PLT; ASAHL
NCBI Protein Information	N-acylethanolamine-hydrolyzing acid amidase
UniProt Protein Name	N-acylethanolamine-hydrolyzing acid amidase
UniProt Gene Name	NAAA
UniProt Synonym Gene Names	ASAHL; PLT; ASAH-like protein

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.