

Human Endo Beta-N-Acetylglucosaminidase (ENGASE) ELISA Kit | ENGASE elisa kit

Human Endo Beta-N-Acetylglucosaminidase (ENGASE) ELISA Kit

CATALOG #
AAA67640

REACTIVITY
Human

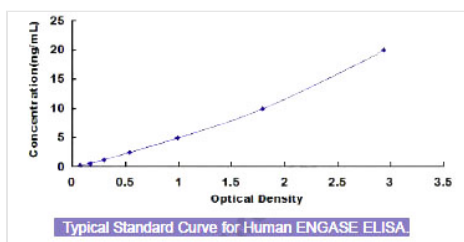
PRODUCT SYNONYMS

Endo Beta-N-Acetylglucosaminidase (ENGASE); Human Endo Beta-N-Acetylglucosaminidase (ENGASE) ELISA Kit; ENGASE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ENGASE. No significant cross-reactivity or interference between ENGASE and analogues was observed.
Sequence Length	743
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.125ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ENGASE 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 ENGASE 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 ENGASE elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ENGASE 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 ENGASE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ENGASE. 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 ENGASE, 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 ENGASE in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	110431350
NCBI GeneID	64772
NCBI Accession #	NP_001036038.1
NCBI GenBank Nucleotide #	NM_001042573.2
UniProt Accession #	Q8NFI3; Q659F0; Q8TB86; Q9H6U4
Molecular Weight	46,090 Da
NCBI Official Full Name	cytosolic endo-beta-N-acetylglucosaminidase
NCBI Official Synonym Full Names	endo-beta-N-acetylglucosaminidase
NCBI Official Symbol	ENGASE
NCBI Protein Information	cytosolic endo-beta-N-acetylglucosaminidase
UniProt Protein Name	Cytosolic endo-beta-N-acetylglucosaminidase
UniProt Gene Name	ENGASE
UniProt Synonym Gene Names	ENGase

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/endo-beta-n-acetylglucosaminidase-engase/67640>