

Human CERS1/Ceramide Synthase 1 ELISA Kit | CERS1 elisa kit

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CATALOG #
AAA196833

REACTIVITY
Human

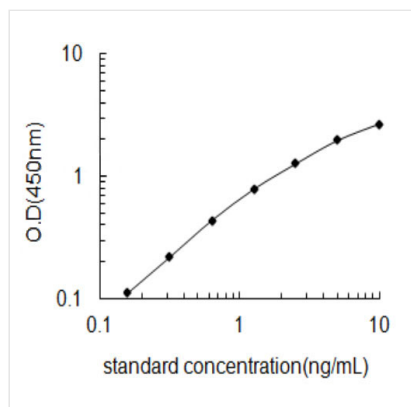
PRODUCT SYNONYMS

CERS1/Ceramide Synthase 1; Human CERS1/Ceramide Synthase 1 ELISA Kit; Ceramide synthase 1; LAG1 longevity assurance homolog 1; Longevity assurance gene 1 protein homolog 1; Protein UOG-1; LAG1; LASS1; UOG1; CERS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Ceramide synthase 1,CerS1
Sequence Length	350
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.174 ng/mL
Intra-assay Precision	<=6.7%
Inter-assay Precision	<=9.4%
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 CERS1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11641421
NCBI GeneID	10715
NCBI Accession #	NP_067090.1
NCBI GenBank Nucleotide #	NM_021267.4
UniProt Accession #	P27544
NCBI Official Full Name	ceramide synthase 1 isoform 1
NCBI Official Synonym Full Names	ceramide synthase 1
NCBI Official Symbol	CERS1
NCBI Official Synonym Symbols	EPM8; GDF1; LAG1; UOG1; GDF-1; LASS1
NCBI Protein Information	ceramide synthase 1
UniProt Protein Name	Ceramide synthase 1
UniProt Gene Name	CERS1
UniProt Synonym Gene Names	LAG1; LASS1; UOG1; CerS1
UniProt Entry Name	CERS1_HUMAN

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/cers1-ceramide-synthase-1/196833>