

Human CERS6 (Ceramide synthase 6) ELISA Kit | CERS6 elisa kit

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CATALOG #
AAA251172

REACTIVITY
Human

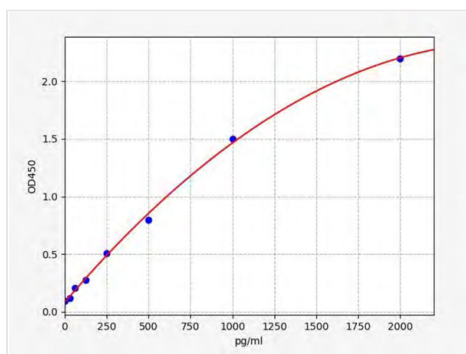
PRODUCT SYNONYMS

CERS6 (Ceramide synthase 6); Human CERS6 (Ceramide synthase 6) ELISA Kit; CERS6; Ceramide synthase 6; LAG1 longevity assurance homolog 6; Sphingoid base N-palmitoyltransferase CERS6(EC:2.3.1.291); CERS6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize CERS6, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CERS6 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti CERS6 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti CERS6 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with CERS6 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of CERS6 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	80478334
NCBI GeneID	253782
UniProt Accession #	Q6ZMG9; Q32M63; Q8N617
Molecular Weight	45,794 Da
NCBI Official Full Name	LASS6 protein
NCBI Official Synonym Full Names	ceramide synthase 6
NCBI Official Symbol	CERS6
NCBI Official Synonym Symbols	CERS5; LASS6
NCBI Protein Information	ceramide synthase 6; longevity assurance homolog 6; LAG1 homolog, ceramide synthase 6
UniProt Protein Name	Ceramide synthase 6
UniProt Gene Name	CERS6
UniProt Synonym Gene Names	LASS6; CerS6
UniProt Entry Name	CERS6_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.