

Human Cardiolipin synthase ELISA Kit | CRLS1 elisa kit

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CATALOG #
AAA98747

REACTIVITY
Human

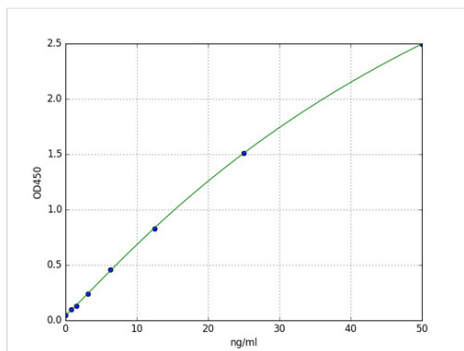
PRODUCT SYNONYMS

Cardiolipin synthase; Human Cardiolipin synthase ELISA Kit; CLS (Cardiolipin Synthase)/CRLS1/Protein GCD10 homolog; CRLS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	491
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100pg/ml
Sensitivity	0.938pg/ml
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



Results of a typical standard run of a human CLS ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.023	0.093	0.138	0.271	0.504	0.878	1.344	1.938

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRLS1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human CLSantibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human CLS antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human CLS amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration ofhuman CLScan be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

32475941

NCBI GeneID	1795463
NCBI Accession #	NP_868935.1
NCBI GenBank Nucleotide #	NC_005027.1
NCBI Official Full Name	cardiolipin synthase
NCBI Official Symbol	cls
NCBI Official Synonym Symbols	nov
NCBI Protein Information	cardiolipin synthase

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/crls1-human-elisa-kits/cardiolipin-synthase/98747>