

Human Lanosterol synthase ELISA Kit | LSS elisa kit

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CATALOG #
AAA102259

REACTIVITY
Human

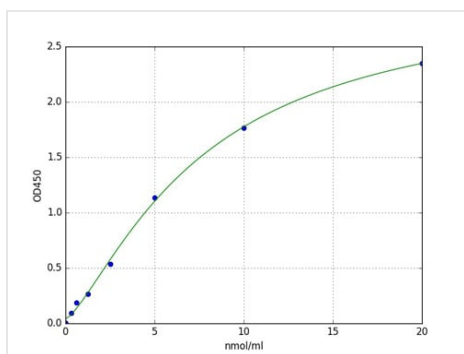
PRODUCT SYNONYMS

Lanosterol synthase; Human Lanosterol synthase ELISA Kit; LSS/Lanosterol synthase/2; 3-epoxysqualene--lanosterol cyclase/Oxidosqualene--lanosterol cyclase/OSC/hOSC; LSS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	732
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20nmol/ml
Sensitivity	0.188nmol/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human LSS 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	nmol/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.038	0.400	0.708	0.986	1.457	1.907	2.251	2.342

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LSS elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human LSS antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human LSS 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 LSS amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human LSS can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1336837
NCBI GeneID	4047
Molecular Weight	82,199 Da
NCBI Official Full Name	lanosterol synthase
NCBI Official Synonym Full Names	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)
NCBI Official Symbol	LSS
NCBI Official Synonym Symbols	OSC; CTRCT44
NCBI Protein Information	lanosterol synthase
UniProt Protein Name	Lanosterol synthase
UniProt Gene Name	LSS
UniProt Synonym Gene Names	OSC; OSC; hOSC
UniProt Entry Name	ERG7_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.

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Online datasheet: <https://stage.aaabiotech.com/lss-human-elisa-kits/lanosterol-synthase/102259>