

Human Leukotriene C4 synthase ELISA Kit | LTC4S elisa kit

Human Leukotriene C4 synthase ELISA Kit

CATALOG #
AAA99910

REACTIVITY
Human

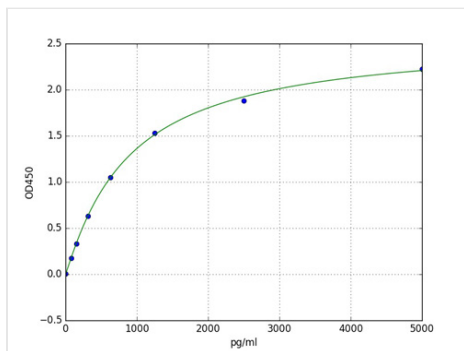
PRODUCT SYNONYMS

Leukotriene C4 synthase; Human Leukotriene C4 synthase ELISA Kit; LTC4S/Leukotriene C4 synthase/LTC4 synthase/Leukotriene-C (4) synthase; LTC4S elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	150
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 LTC4S 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	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.026	0.135	0.296	0.448	0.833	1.169	1.835	2.667

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LTC4S elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human LTC4S antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human LTC4S 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 LTC4S amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human LTC4S can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

22035629

NCBI GeneID	4056
NCBI Accession #	NP_665874.1
NCBI GenBank Nucleotide #	NM_145867.1
Molecular Weight	16,567 Da
NCBI Official Full Name	leukotriene C4 synthase
NCBI Official Synonym Full Names	leukotriene C4 synthase
NCBI Official Symbol	LTC4S
NCBI Protein Information	leukotriene C4 synthase
UniProt Protein Name	Leukotriene C4 synthase
UniProt Gene Name	LTC4S
UniProt Synonym Gene Names	LTC4 synthase
UniProt Entry Name	LTC4S_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/ltc4s-human-elisa-kits/leukotriene-c4-synthase/99910>