

Mouse Leukotriene C4 synthase ELISA Kit | Ltc4s elisa kit

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CATALOG #
AAA56265

REACTIVITY
Mouse

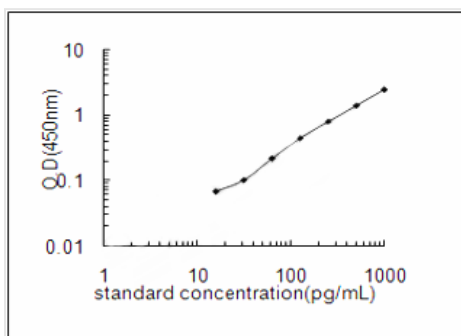
PRODUCT SYNONYMS

Leukotriene C4 synthase; Mouse Leukotriene C4 synthase ELISA Kit; Ltc4s elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse LTC4 synthase. No significant cross-reactivity or interference was observed.
Sequence Length	150
Assay Type	Sandwich
Detection Range	15.6-1000 pg/ml
Sensitivity	8.08 pg/mL
Intra-Assay CV	<=6.1%
Inter-Assay CV	<=8.8%
Recovery	93%
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 Ltc4s elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LTC4 synthase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for LTC4 synthase and 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 LTC4 synthase, 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 $\pm$ 2 nm. The concentration of LTC4 synthase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678734
NCBI GeneID	17001
NCBI Accession #	NP_032547.1
NCBI GenBank Nucleotide #	NM_008521.2
UniProt Accession #	Q60860; Q5SVR7; Q9QVS1
Molecular Weight	16,814 Da
NCBI Official Full Name	leukotriene C4 synthase isoform 1
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_MOUSE

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-mouse-elisa-kits/leukotriene-c4-synthase/56265>