

Human Cysteinyl Leukotriene Receptor 2 (CYSLTR2) ELISA Kit | CYSLTR2 elisa kit

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CATALOG #
AAA68396

REACTIVITY
Human

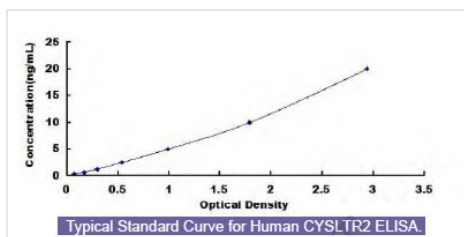
PRODUCT SYNONYMS

Cysteinyl Leukotriene Receptor 2 (CYSLTR2); Human Cysteinyl Leukotriene Receptor 2 (CYSLTR2) ELISA Kit; CYSLT2; GPCR; CYSLT2R; HG57; HPN321; HGPCR21; G-protein coupled receptor GPCR21; G-protein coupled receptor HG57; CYSLTR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CYSLTR2. No significant cross-reactivity or interference between CYSLTR2 and analogues was observed.
Sequence Length	346
Samples	Tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	<0.108ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CYSLTR2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CYSLTR2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYSLTR2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CYSLTR2 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CYSLTR2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CYSLTR2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CYSLTR2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CYSLTR2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	818213437
NCBI GeneID	57105
NCBI Accession #	NP_001295394.1
NCBI GenBank Nucleotide #	NM_001308465.2
UniProt Accession #	Q9NS75; Q9HCQ2
Molecular Weight	39,635 Da
NCBI Official Full Name	cysteinyl leukotriene receptor 2
NCBI Official Synonym Full Names	cysteinyl leukotriene receptor 2
NCBI Official Symbol	CYSLTR2
NCBI Official Synonym Symbols	HG57; CYSLT2; GPCR21; HPN321; CYSLT2R; KPG_011; hGPCR21; PSEC0146
NCBI Protein Information	cysteinyl leukotriene receptor 2
UniProt Protein Name	Cysteinyl leukotriene receptor 2
UniProt Gene Name	CYSLTR2
UniProt Synonym Gene Names	CYSLT2; CYSLT2R; CysLTR2; hGPCR21

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/human-elisa-kits/cysteinyl-leukotriene-receptor-2-cysltr2/68396>