

Mouse Left/Right Determination Factor 2 (LEFTY2) ELISA Kit | LEFTY2 elisa kit

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CATALOG #
AAA63904

REACTIVITY
Mouse

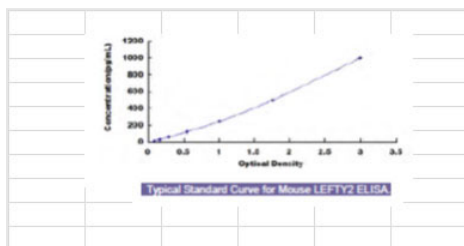
PRODUCT SYNONYMS

Left/Right Determination Factor 2 (LEFTY2); Mouse Left/Right Determination Factor 2 (LEFTY2) ELISA Kit; PLA2; MOM1; PLA2B; PLA2L; PLA2S; PLAS1; sPLA2(platelets; synovial fluid); Non-pancreatic secretory phospholipase A2; Phosphatidylcholine 2-acylhydrolase 2A; LEFTY2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of LEFTY2. No significant cross-reactivity or interference between LEFTY2 and analogues was observed.
Sequence Length	368
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	5.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LEFTY2 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 LEFTY2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEFTY2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LEFTY2 in mouse serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LEFTY2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LEFTY2. 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 LEFTY2, 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 LEFTY2 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 #	28893031
NCBI GeneID	320202
NCBI Accession #	NP_796073.1
NCBI GenBank Nucleotide #	NM_177099.4
UniProt Accession #	P57785; Q8BMF7
Molecular Weight	41,175 Da
NCBI Official Full Name	left-right determination factor 2 preproprotein
NCBI Official Synonym Full Names	left-right determination factor 2
NCBI Official Symbol	Lefty2
NCBI Official Synonym Symbols	Ebaf; Lefta; Leftb; lefty-2; lefty-B; 6030463A22Rik
NCBI Protein Information	left-right determination factor 2
UniProt Protein Name	Left-right determination factor 2
UniProt Gene Name	Lefty2
UniProt Synonym Gene Names	Leftb

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/mouse-elisa-kits/left-right-determination-factor-2-lefty2/63904>