

Human LEFTY1 ELISA Kit | LEFTY1 elisa kit

Human LEFTY1(Left/Right Determination Factor 1)ELISA Kit

CATALOG #
AAA165935

REACTIVITY
Human

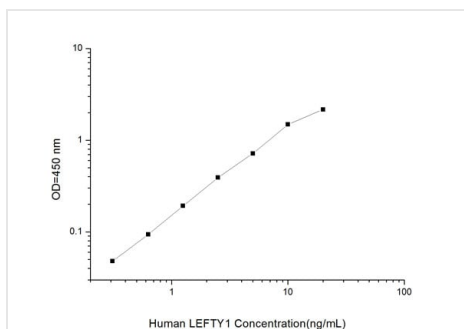
PRODUCT SYNONYMS

LEFTY1; Human LEFTY1(Left/Right Determination Factor 1)ELISA Kit; LEFTY1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human LEFTY1. No significant cross-reactivity or interference between Human LEFTY1 and analogues was observed.
Sequence Length	366
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEFTY1 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanLEFTY1concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to LEFTY1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for LEFTY1and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain LEFTY1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of LEFTY1.You can calculate the concentration of LEFTY1in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10337603
NCBI GeneID	10637
NCBI Accession #	NP_066277.1
NCBI GenBank Nucleotide #	NM_020997.3
Molecular Weight	40,880 Da
NCBI Official Full Name	left-right determination factor 1 preproprotein
NCBI Official Synonym Full Names	left-right determination factor 1
NCBI Official Symbol	LEFTY1
NCBI Official Synonym Symbols	LEFTB; LEFTYB
NCBI Protein Information	left-right determination factor 1; left-right determination factor B; left-right determination, factor B; protein lefty-1; protein lefty-B
UniProt Protein Name	Left-right determination factor 1
UniProt Gene Name	LEFTY1
UniProt Synonym Gene Names	LEFTB; LEFTYB
UniProt Entry Name	LFTY1_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.