

Human left-right determination factor 2 ELISA Kit | LEFTY2 elisa kit

Human left-right determination factor 2, LEFTY2 ELISA Kit

CATALOG #
AAA80356

REACTIVITY
Human

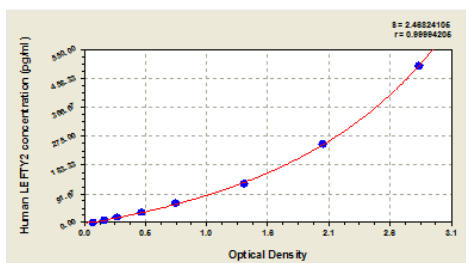
PRODUCT SYNONYMS

left-right determination factor 2; Human left-right determination factor 2; LEFTY2 ELISA Kit; Human left-right determination factor 2 (LEFTY2) ELISA Kit; EBAF; LEFTA; LEFTYA; MGC46222; TGFB4; endometrial bleeding associated factor; endometrial bleeding associated factor (left-right determination; factor A; transforming growth factor beta superfamily) ; ; LEFTY2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human LEFTY2. No significant cross-reactivity or interference between Human LEFTY2 and analogues was observed.
Sequence Length	332
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	2 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEFTY2 elisa kit	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 polyclonal antibody preparation specific for LEFTY2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. 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 a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. 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 #	289063399
NCBI GeneID	7044
NCBI Accession #	NP_001165896.1
NCBI GenBank Nucleotide #	NM_001172425.1
UniProt Accession #	O00292; O75611; Q5TE89; Q8NBQ9; B3KNH4; B4E332; E9PDM4
Molecular Weight	40,920 Da
NCBI Official Full Name	left-right determination factor 2 isoform 2 preproprotein
NCBI Official Synonym Full Names	left-right determination factor 2
NCBI Official Symbol	LEFTY2
NCBI Official Synonym Symbols	EBAF; LEFTA; TGFB4; LEFTYA
NCBI Protein Information	left-right determination factor 2; TGF-beta-4; protein lefty-2; protein lefty-A; left-right determination factor A; transforming growth factor beta-4; endometrial bleeding-associated factor
UniProt Protein Name	Left-right determination factor 2
UniProt Gene Name	LEFTY2
UniProt Synonym Gene Names	EBAF; LEFTA; LEFTYA; TGFB4; PSEC0024; TGF-beta-4
UniProt Entry Name	LFTY2_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.