Human Leukocyte Immunoglobulin Like Receptor Subfamily B, Member 4 (LILRB4) ELISA Kit | LILRB4 elisa kit

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CATALOG #	REACTIVITY
AAA135633	**Human**

PRODUCT SYNONYMS

Leukocyte Immunoglobulin Like Receptor Subfamily B; Member 4 (LILRB4); Human Leukocyte Immunoglobulin Like Receptor Subfamily B; Member 4 (LILRB4) ELISA Kit; CD85k; LILR-B4; LILRB5; HM18; ILT3; LIR-5; Immunoglobulin-like transcript 3; Leukocyte immunoglobulin-like receptor 5; CD85 antigen-like family member K; LILRB4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Leukocyte Immunoglobulin Like Receptor Subfamily B, Member 4 (LILRB4). No significant cross-reactivity or interference between Leukocyte Immunoglobulin Like Receptor Subfamily B, Member 4 (LILRB4) and analogues was observed.
Sequence Length	478
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Leukocyte Immunoglobulin Like Receptor Subfamily B, Member 4 (LILRB4) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Leukocyte Immunoglobulin Like Receptor Subfamily B, Member 4 (LILRB4) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LILRB4 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Leukocyte Immunoglobulin Like Receptor Subfamily B, Member 4 (LILRB4). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Leukocyte Immunoglobulin Like Receptor Subfamily B, Member 4 (LILRB4). 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 Leukocyte Immunoglobulin Like Receptor Subfamily B, Member 4 (LILRB4), 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 Leukocyte Immunoglobulin Like Receptor Subfamily B, Member 4 (LILRB4) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for LILRB4 elisa kit	CD & Adhesion molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	510025457
NCBI GeneID	11006
NCBI Accession #	NP_001265358.1
NCBI GenBank Nucleotide #	NM_001278429.2
UniProt Accession #	Q8NHJ6; O15468; O75021; Q6FGQ9; Q8N1C7; Q8NHL5; A8MVL8
Molecular Weight	49,397 Da
NCBI Official Full Name	leukocyte immunoglobulin-like receptor subfamily B member 4 isoform 4
NCBI Official Synonym Full Names	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4
NCBI Official Symbol	LILRB4
NCBI Official Synonym Symbols	ILT3; LIR5; CD85K; ILT-3; LIR-5
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily B member 4
UniProt Protein Name	Leukocyte immunoglobulin-like receptor subfamily B member 4
UniProt Gene Name	**LILRB4**
UniProt Synonym Gene Names	ILT3; LIR5; ILT-3; LIR-5
UniProt Entry Name	LIRB4_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.

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Online datasheet: https://stage.aaabiotech.com/human-elisa-kits/leukocyte-immunoglobulin-like-receptor-subfamily-b-member-4-lilrb4/135633