

Human Leukocyte immunoglobulin-like receptor subfamily B member 1 ELISA Kit | LILRB1 elisa kit

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CATALOG #
AAA102359

REACTIVITY
Human

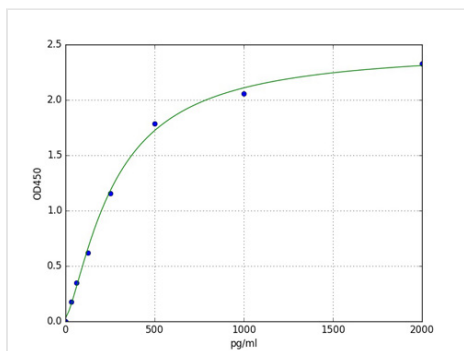
PRODUCT SYNONYMS

Leukocyte immunoglobulin-like receptor subfamily B member 1; Human Leukocyte immunoglobulin-like receptor subfamily B member 1 ELISA Kit; LILRB1/Monocyte/macrophage immunoglobulin-like receptor 7 (MIR-7)/CD85 antigen-like family member J/Immunoglobulin-like transcript 2 (ILT-2)/LIR-1/Leukocyte immunoglobulin-like receptor 1/CD85j/ILT2/LIR1/MIR7/CD85 antigen-like family member J/CD85j/CD85j antigen/Ig-like transcript 2/ILT-2/ILT2FLJ37515/Immunoglobulin-like transcript 2/leukocyte Ig-like receptor-1/Leukocyte immunoglobulin-like receptor 1/leukocyte immunoglobulin-like receptor subfamily B member 1/leukocyte immunoglobulin-like receptor subfamily B member 1 soluble isoform/leukocyte immunoglobulin-like receptor; subfamily B (with TM and ITIM domains)/Monocyte/macrophage immunoglobulin-like receptor 7; LILRB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	650
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human LILRB1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.016	0.068	0.140	0.253	0.352	1.076	1.722	2.286

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LILRB1 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology anti-Human LILRB1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human LILRB1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human LILRB1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human LILRB1 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	612149789
NCBI GeneID	10859
NCBI Accession #	NP_006660.4
NCBI GenBank Nucleotide #	NM_006669.6
Molecular Weight	49,356 Da
NCBI Official Full Name	leukocyte immunoglobulin-like receptor subfamily B member 1 isoform 1
NCBI Official Synonym Full Names	leukocyte immunoglobulin like receptor B1
NCBI Official Symbol	LILRB1
NCBI Official Synonym Symbols	ILT2; LIR1; MIR7; CD85J; ILT-2; LIR-1; MIR-7
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily B member 1
UniProt Protein Name	Leukocyte immunoglobulin-like receptor subfamily B member 1
UniProt Gene Name	LILRB1
UniProt Synonym Gene Names	ILT2; LIR1; MIR7; LIR-1; Leukocyte immunoglobulin-like receptor 1; ILT-2; MIR-7
UniProt Entry Name	LIRB1_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.