

Human Leukocyte immunoglobulin-like receptor subfamily B member 2 ELISA Kit | LILRB2 elisa kit

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CATALOG #
AAA102028

REACTIVITY
Human

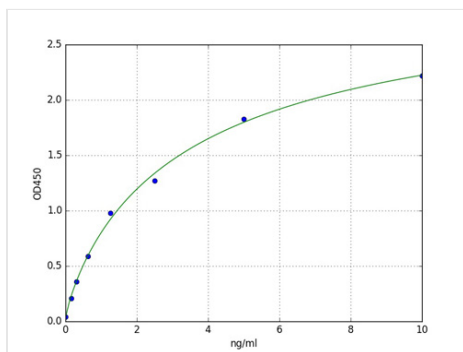
PRODUCT SYNONYMS

Leukocyte immunoglobulin-like receptor subfamily B member 2; Human Leukocyte immunoglobulin-like receptor subfamily B member 2 ELISA Kit; LILRB2/CD85d/ILT4/LIR2/MIR10/CD85 antigen-like family member D/CD85d antigen/Ig-like transcript 4/ILT-4/Immunoglobulin-like transcript 4/Leukocyte immunoglobulin-like receptor 2/leukocyte immunoglobulin-like receptor subfamily B member 2/leukocyte immunoglobulin-like receptor subfamily B member 2 soluble isoform/leukocyte immunoglobulin-like receptor; subfamily B (with TM and ITIM domains)/LIR-2/subfamily A (with TM domain); member 6/member 2/LILRA6/Monocyte/macrophage immunoglobulin-like receptor 10; LILRB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	597
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 LILRB2 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.028	0.168	0.304	0.533	0.914	1.564	1.988	2.307

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LILRB2 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human LILRB2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human LILRB2 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 LILRB2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human LILRB2 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	618857470
NCBI GeneID	10288
NCBI Accession #	NP_001265332.2
NCBI GenBank Nucleotide #	NM_001278403.2
Molecular Weight	51,959 Da
NCBI Official Full Name	leukocyte immunoglobulin-like receptor subfamily B member 2 isoform 2
NCBI Official Synonym Full Names	leukocyte immunoglobulin like receptor B2
NCBI Official Symbol	LILRB2
NCBI Official Synonym Symbols	ILT4; LIR2; CD85D; ILT-4; LIR-2; MIR10; MIR-10
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily B member 2
UniProt Protein Name	Leukocyte immunoglobulin-like receptor subfamily B member 2
UniProt Gene Name	LILRB2
UniProt Synonym Gene Names	ILT4; LIR2; MIR10; LIR-2; Leukocyte immunoglobulin-like receptor 2; ILT-4; MIR-10
UniProt Entry Name	LIRB2_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.