

Human leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains) , member 4 ELISA Kit | LILRB4 elisa kit

human leukocyte immunoglobulin-like receptor subfamily B member 4, LILRB4 ELISA Kit

CATALOG #

AAA14998

REACTIVITY

Human

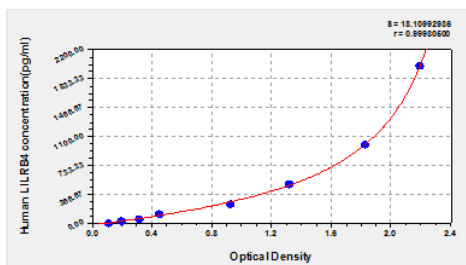
PRODUCT SYNONYMS

leukocyte immunoglobulin-like receptor; subfamily B (with TM and ITIM domains); member 4; human leukocyte immunoglobulin-like receptor subfamily B member 4; LILRB4 ELISA Kit; CD85K; HM18; ILT3; LILRB5; LIR-5; LIR5; OTTHUMP0000068605; immunoglobulin-like transcript 3; leukocyte immunoglobulin-like receptor 5; leukocyte immunoglobulin-like receptor subfamily B member 4 solub; LILRB4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LILRB4. No significant cross-reactivity or interference between human LILRB4 and analogues was observed.
Sequence Length	448
Samples	Serum, plasma, cell culture supernates, cell lysates.
Assay Type	Sandwich (Quantitative)
Detection Range	31.25 pg/ml-2000 pg/ml.
Sensitivity	7.81 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 LILRB4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LILRB4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LILRB4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LILRB4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LILRB4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	618857484
NCBI GeneID	11006
NCBI Accession #	NP_001265355.2
NCBI GenBank Nucleotide #	NM_001278426.3
UniProt Accession #	Q8NHJ6; O15468; O75021; Q6FGQ9; Q8N1C7; Q8NHL5; A8MVL8
Molecular Weight	49,356 Da
NCBI Official Full Name	leukocyte immunoglobulin-like receptor subfamily B member 4 isoform 1
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; immunoglobulin-like transcript 3; CD85 antigen-like family member K; monocyte inhibitory receptor HM18; leukocyte immunoglobulin-like receptor 5
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.