

Human Leukocyte Immunoglobulin Like Receptor Subfamily A, Member 3 (LILRA3) ELISA Kit | LILRA3 elisa kit

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CATALOG # AAA184661	REACTIVITY Human
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PRODUCT SYNONYMS

Leukocyte Immunoglobulin Like Receptor Subfamily A; Member 3 (LILRA3); Human Leukocyte Immunoglobulin Like Receptor Subfamily A; Member 3 (LILRA3) ELISA Kit; CD85e; HM31; HM43; ILT6; LIR4; E3; CD85 antigen-like family member E; Immunoglobulin-like transcript 6; Leukocyte immunoglobulin-like receptor 4; LILRA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LILRA3. No significant cross-reactivity or interference between LILRA3 and analogues was observed.
Sequence Length	456
Samples	Human serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	<0.124ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LILRA3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level LILRA3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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 LILRA3 elisa kit	<p>Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LILRA3 in human serum, plasma, tissue homogenates and other biological fluids.</p> <p>Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to LILRA3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to LILRA3. 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 LILRA3, 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 LILRA3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289547631
NCBI GeneID	11026
NCBI Accession #	NP_006856.3
NCBI GenBank Nucleotide #	NM_006865.4
UniProt Accession #	Q8N6C8; O15469; O15470; O75016; Q8N151; Q8N154; Q8NHJ1; Q8NHJ2; Q8NHJ3; Q8NHJ4; J3KPM2
Molecular Weight	49,187 Da
NCBI Official Full Name	leukocyte immunoglobulin-like receptor subfamily A member 3 isoform 1
NCBI Official Synonym Full Names	leukocyte immunoglobulin like receptor A3
NCBI Official Symbol	LILRA3
NCBI Official Synonym Symbols	HM31; HM43; ILT6; LIR4; CD85E; ILT-6; LIR-4
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily A member 3
UniProt Protein Name	Leukocyte immunoglobulin-like receptor subfamily A member 3
UniProt Gene Name	LILRA3
UniProt Synonym Gene Names	ILT6; LIR4; ILT-6; LIR-4

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/leukocyte-immunoglobulin-like-receptor-subfamily-a-member-3-lilra3/184661>