

Human Immunoglobulin Superfamily Containing Leucine Rich Repeat Protein (ISLR) ELISA Kit | ISLR elisa kit

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CATALOG #
AAA129736

REACTIVITY
Human

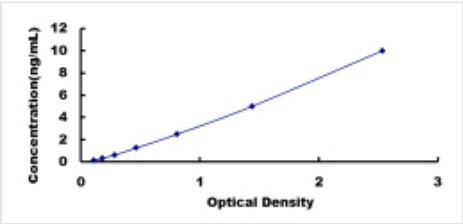
PRODUCT SYNONYMS

Immunoglobulin Superfamily Containing Leucine Rich Repeat Protein (ISLR); Human Immunoglobulin Superfamily Containing Leucine Rich Repeat Protein (ISLR) ELISA Kit; ISLR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Immunoglobulin Superfamily Containing Leucine Rich Repeat Protein (ISLR). No significant cross-reactivity or interference between Immunoglobulin Superfamily Containing Leucine Rich Repeat Protein (ISLR) and analogues was observed.
Sequence Length	428
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Immunoglobulin Superfamily Containing Leucine Rich Repeat Protein (ISLR) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Immunoglobulin Superfamily Containing Leucine Rich Repeat Protein (ISLR) 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 ISLR 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 Immunoglobulin Superfamily Containing Leucine Rich Repeat Protein (ISLR). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Immunoglobulin Superfamily Containing Leucine Rich Repeat Protein (ISLR). 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 Immunoglobulin Superfamily Containing Leucine Rich Repeat Protein (ISLR), 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 Immunoglobulin Superfamily Containing Leucine Rich Repeat Protein (ISLR) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for ISLR elisa kit	Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	41582239
NCBI GeneID	3671
NCBI Accession #	NP_958934.1
NCBI GenBank Nucleotide #	NM_201526.1
UniProt Accession #	O14498
Molecular Weight	45,997 Da
NCBI Official Full Name	immunoglobulin superfamily containing leucine-rich repeat protein
NCBI Official Synonym Full Names	immunoglobulin superfamily containing leucine-rich repeat
NCBI Official Symbol	ISLR
NCBI Official Synonym Symbols	HsT17563
NCBI Protein Information	immunoglobulin superfamily containing leucine-rich repeat protein
UniProt Protein Name	Immunoglobulin superfamily containing leucine-rich repeat protein
UniProt Gene Name	ISLR
UniProt Entry Name	ISLR_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.