

Human Immunoglobulin Lambda Like Polypeptide 5 ELISA Kit | IgIL5 elisa kit

Human Immunoglobulin Lambda Like Polypeptide 5 (IgIL5) ELISA Kit

CATALOG #
AAA144536

REACTIVITY
Human

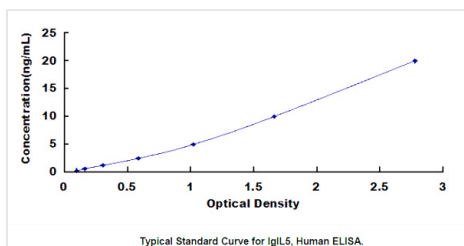
PRODUCT SYNONYMS

Immunoglobulin Lambda Like Polypeptide 5; Human Immunoglobulin Lambda Like Polypeptide 5 (IgIL5) ELISA Kit; Germline Immunoglobulin Lambda 1; IgIL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Immunoglobulin Lambda Like Polypeptide 5 (IgIL5). No significant cross-reactivity or interference between Immunoglobulin Lambda Like Polypeptide 5 (IgIL5) and analogues was observed.
Sequence Length	139
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates And Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.124ng/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 Lambda Like Polypeptide 5 (IgIL5) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Immunoglobulin Lambda Like Polypeptide 5 (IgIL5) 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 IgIL5 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 Lambda Like Polypeptide 5 (IgIL5). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Immunoglobulin Lambda Like Polypeptide 5 (IgIL5). 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 Lambda Like Polypeptide 5 (IgIL5), 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 Lambda Like Polypeptide 5 (IgIL5) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for IgIL5 elisa kit	Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	372466586
NCBI GeneID	100423062
NCBI Accession #	NP_001243225.1
NCBI GenBank Nucleotide #	NM_001256296.1
Molecular Weight	8,843 Da
NCBI Official Full Name	immunoglobulin lambda-like polypeptide 5 isoform 2
NCBI Official Synonym Full Names	immunoglobulin lambda like polypeptide 5
NCBI Official Symbol	IGLL5
NCBI Official Synonym Symbols	IGL; IGLV; VL-MAR
NCBI Protein Information	immunoglobulin lambda-like polypeptide 5
UniProt Protein Name	Immunoglobulin lambda-like polypeptide 5
UniProt Gene Name	IGLL5
UniProt Entry Name	IGLL5_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.

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Online datasheet: <https://stage.aaabiotech.com/igll5-human-elisa-kits/immunoglobulin-lambda-like-polypeptide-5/144536>