

Human Leukocyte Cell Derived Chemotaxin 2 (LECT2) ELISA Kit | LECT2 elisa kit

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CATALOG #
AAA139830

REACTIVITY
Human

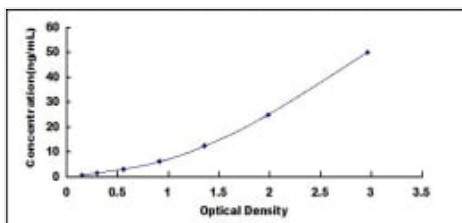
PRODUCT SYNONYMS

Leukocyte Cell Derived Chemotaxin 2 (LECT2); Human Leukocyte Cell Derived Chemotaxin 2 (LECT2) ELISA Kit; Chm-II; Chm2; LECT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Leukocyte Cell Derived Chemotaxin 2 (LECT2). No significant cross-reactivity or interference between Leukocyte Cell Derived Chemotaxin 2 (LECT2) and analogues was observed.
Sequence Length	151
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	6.2pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Leukocyte Cell Derived Chemotaxin 2 (LECT2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Leukocyte Cell Derived Chemotaxin 2 (LECT2) 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 LECT2 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 Leukocyte Cell Derived Chemotaxin 2 (LECT2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Leukocyte Cell Derived Chemotaxin 2 (LECT2). 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 Leukocyte Cell Derived Chemotaxin 2 (LECT2), 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 Leukocyte Cell Derived Chemotaxin 2 (LECT2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for LECT2 elisa kit	Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	59806345
NCBI GeneID	3950
NCBI Accession #	NP_002293.2
NCBI GenBank Nucleotide #	NM_002302.2
UniProt Accession #	O14960; O14565; Q52M49; B2RA90
Molecular Weight	16,390 Da
NCBI Official Full Name	leukocyte cell-derived chemotaxin-2
NCBI Official Synonym Full Names	leukocyte cell-derived chemotaxin 2
NCBI Official Symbol	LECT2
NCBI Official Synonym Symbols	chm2; chm-II
NCBI Protein Information	leukocyte cell-derived chemotaxin-2
UniProt Protein Name	Leukocyte cell-derived chemotaxin-2
UniProt Gene Name	LECT2
UniProt Synonym Gene Names	LECT-2; hLECT2
UniProt Entry Name	LECT2_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/human-elisa-kits/leukocyte-cell-derived-chemotaxin-2-lect2/139830>