

Human Leukocyte Cell Derived Chemotaxin 1 (LECT1) ELISA Kit | LECT1 elisa kit

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CATALOG #
AAA63874

REACTIVITY
Human

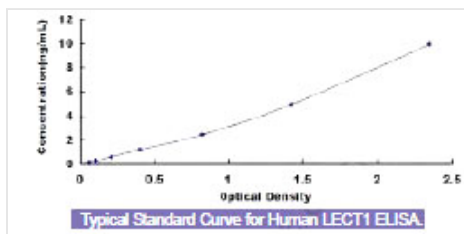
PRODUCT SYNONYMS

Leukocyte Cell Derived Chemotaxin 1 (LECT1); Human Leukocyte Cell Derived Chemotaxin 1 (LECT1) ELISA Kit; BRICD3; CHM-I; CHM1; CH-SP; Chondromodulin-1; Chondrosurfactant protein; LECT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LECT1. No significant cross-reactivity or interference between LECT1 and analogues was observed.
Sequence Length	333
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LECT1 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 LECT1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LECT1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LECT1 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LECT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LECT1. 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 LECT1, 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 LECT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	59806343
NCBI GeneID	11061
NCBI Accession #	NP_001011705.1
NCBI GenBank Nucleotide #	NM_001011705.1
UniProt Accession #	O75829; Q5TAM4; Q8TAY6; Q9UM18
Molecular Weight	36,974 Da
NCBI Official Full Name	leukocyte cell-derived chemotaxin 1 isoform 2
NCBI Official Synonym Full Names	chondromodulin
NCBI Official Symbol	CNMD
NCBI Official Synonym Symbols	CHM1; CHM-I; LECT1; BRICD3; MYETS1
NCBI Protein Information	leukocyte cell-derived chemotaxin 1
UniProt Protein Name	Leukocyte cell-derived chemotaxin 1
UniProt Gene Name	LECT1
UniProt Synonym Gene Names	CHMI; CH-SP; ChM-I

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-1-lect1/63874>