

Human Lectin, Mannose Binding 2 (LMAN2) ELISA Kit | LMAN2 elisa kit

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CATALOG #
AAA64370

REACTIVITY
Human

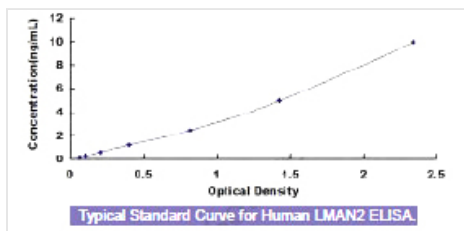
PRODUCT SYNONYMS

Lectin; Mannose Binding 2 (LMAN2); Human Lectin; Mannose Binding 2 (LMAN2) ELISA Kit; GP36B; VIP36; C5orf8; Vesicular integral-membrane protein VIP36; Glycoprotein GP36b; Vesicular integral-membrane protein 36; LMAN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LMAN2. No significant cross-reactivity or interference between LMAN2 and analogues was observed.
Sequence Length	356
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LMAN2 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 LMAN2 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 LMAN2 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LMAN2 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 LMAN2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LMAN2. 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 LMAN2, 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 LMAN2 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 #	5803023
NCBI GeneID	10960
NCBI Accession #	NP_006807.1
NCBI GenBank Nucleotide #	NM_006816.2
UniProt Accession #	Q12907; Q53HH1
Molecular Weight	40,229 Da
NCBI Official Full Name	vesicular integral-membrane protein VIP36
NCBI Official Synonym Full Names	lectin, mannose binding 2
NCBI Official Symbol	LMAN2
NCBI Official Synonym Symbols	GP36B; VIP36; C5orf8
NCBI Protein Information	vesicular integral-membrane protein VIP36
UniProt Protein Name	Vesicular integral-membrane protein VIP36
UniProt Gene Name	LMAN2
UniProt Synonym Gene Names	C5orf8; VIP36

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.