

Human Protein ERGIC-53 ELISA Kit | LMAN1 elisa kit

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CATALOG #
AAA99334

REACTIVITY
Human

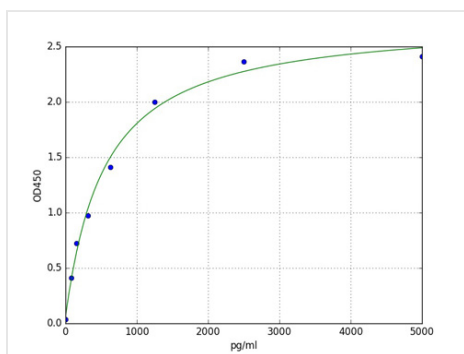
PRODUCT SYNONYMS

Protein ERGIC-53; Human Protein ERGIC-53 ELISA Kit; LMAN1/Lectin mannose-binding 1/Intracellular mannose-specific lectin MR60/ER-Golgi intermediate compartment 53 kDa protein/Gp58/ERGIC53/F5F8D; LMAN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	510
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human ERGIC-53 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.009	0.117	0.240	0.317	0.723	1.001	1.413	2.260

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LMAN1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human ERGIC-53 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ERGIC-53 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ERGIC-53 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ERGIC-53 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031873
NCBI GeneID	3998
NCBI Accession #	NP_005561.1
NCBI GenBank Nucleotide #	NM_005570.3
Molecular Weight	57,549 Da
NCBI Official Full Name	protein ERGIC-53
NCBI Official Synonym Full Names	lectin, mannose binding 1
NCBI Official Symbol	LMAN1
NCBI Official Synonym Symbols	MR60; gp58; F5F8D; FMFD1; MCFD1; ERGIC53; ERGIC-53
NCBI Protein Information	protein ERGIC-53
UniProt Protein Name	Protein ERGIC-53
UniProt Gene Name	LMAN1
UniProt Synonym Gene Names	ERGIC53; F5F8D
UniProt Entry Name	LMAN1_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/lman1-human-elisa-kits/protein-ergic-53/99334>