

Human Promotilin ELISA Kit | MLN elisa kit

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CATALOG #
AAA102558

REACTIVITY
Human

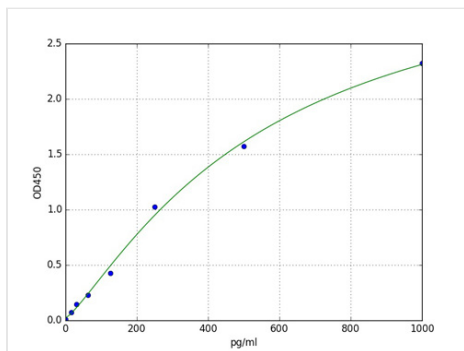
PRODUCT SYNONYMS

Promotilin; Human Promotilin ELISA Kit; MLN (Promotilin); MLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	108
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 MLN 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	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.002	0.091	0.083	0.142	0.346	0.757	1.329	2.328

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MLN elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MLN antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MLN 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. HRPStreptavidin 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 MLN amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MLN can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

296010792

NCBI GeneID	4295
NCBI Accession #	NP_001171627.1
NCBI GenBank Nucleotide #	NM_001184698.1
Molecular Weight	12,849 Da
NCBI Official Full Name	promotilin isoform 3 preproprotein
NCBI Official Synonym Full Names	motilin
NCBI Official Symbol	MLN
NCBI Protein Information	promotilin
UniProt Protein Name	Promotilin
UniProt Gene Name	MLN
UniProt Synonym Gene Names	MAP
UniProt Entry Name	MOTI_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/mln-human-elisa-kits/promotilin/102558>