

Human Motilin ELISA Kit | MTL elisa kit

Human Motilin ELISA Kit

CATALOG #
AAA102329

REACTIVITY
Human

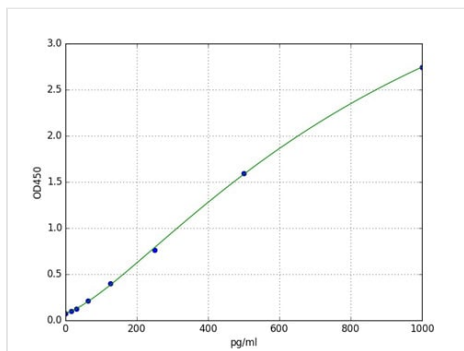
PRODUCT SYNONYMS

Motilin; Human Motilin ELISA Kit; MTL/Motilin; MTL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	115
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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 MTL 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	2.343	1.757	1.454	1.289	0.875	0.655	0.482	0.328

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MTL elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human MTL. During the reaction, Human MTL in the sample or standard competes with a fixed amount of Human MTL on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Human MTL. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin(SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Human MTL in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

386955

NCBI GeneID	4295
Molecular Weight	12,849 Da
NCBI Official Full Name	motilin
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.

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Online datasheet: <https://www.aaabiotech.com/mtl-human-elisa-kits/motilin/102329>