

Human Motilin, MTL ELISA Kit | MTL elisa kit

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CATALOG #
AAA41736

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	115
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1500ng/L
Sensitivity	2.51ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MTL elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Motilin (also known as MTL) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MTL antibody. MTL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MTL Antibody is added and binds to MTL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MTL antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human MTL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386955
UniProt Accession #	P12872; Q2M1L2; Q5T975; Q6NSY7; B7ZLR7; E9PDN2; J3KN51
Molecular Weight	12,127 Da
NCBI Official Full Name	motilin
UniProt Protein Name	Promotilin
UniProt Gene Name	MLN
UniProt Synonym Gene Names	MAP

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/human-elisa-kits/motilin-mtl/41736>