

Human Motilin, MTL ELISA Kit | MTL elisa kit

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CATALOG #
AAA79604

REACTIVITY
Human

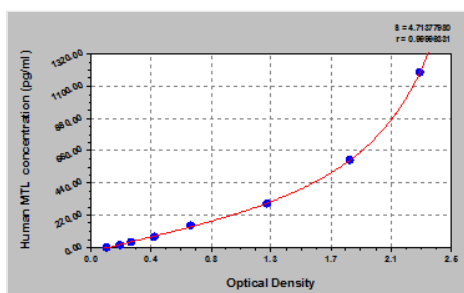
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MTL. No significant cross-reactivity or interference between human MTL and analogues was observed.
Sequence Length	115
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	18.75 pg/ml -1200 pg/ml.
Sensitivity	4.68 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MTL elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MTL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MTL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MTL is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MTL bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386955
NCBI GeneID	4295
UniProt Accession #	P12872; Q2M1L2; Q5T975; Q6NSY7; B7ZLR7; E9PDN2; J3KN51
Molecular Weight	12,849 Da
NCBI Official Full Name	motilin
NCBI Official Synonym Full Names	motilin
NCBI Official Symbol	MLN
NCBI Protein Information	promotilin; prepromotilin
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.