

Mouse Motilin ELISA Kit | MTL elisa kit

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CATALOG #
AAA16367

REACTIVITY
Mouse

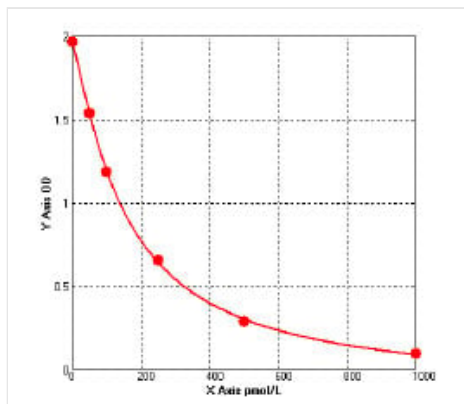
PRODUCT SYNONYMS

Motilin; Mouse Motilin ELISA Kit; MTL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MTL. No significant cross-reactivity or interference between MTL and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MTL and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pmol/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MTL elisa kit	Principle of the Assay: MTL ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MTL antibody and an MTL-HRP conjugate. The assay sample and buffer are incubated together with MTL-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MTL concentration since MTL from samples and MTL-HRP conjugate compete for the anti-MTL antibody binding site. Since the number of sites is limited, as more sites are occupied by MTL from the sample, fewer sites are left to bind MTL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MTL concentration in each sample is interpolated from this standard curve. Intended Uses: This MTL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse MTL. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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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; 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.