Thyroid Microsome (TMA) ELISA Kit for Donkey

PRODUCT OVERVIEW

Product Name	Thyroid Microsome Antibody (TMA), ELISA Kit
Full Product Name	Donkey Thyroid Microsome Antibody ELISA Kit
Product Gene Name	TMA elisa kit
Species Reactivity	Donkey
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	75,561 Da
3D Structure	ModBase 3D Structure for P46469
Related Product Information for TMA elisa kit	MBS079201 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Thyroid Microsome Antibody (TMA) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing TMA. The ELISA analytical biochemical technique of the MBS079201 kit is based on TMA antibody-TMA antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect TMA antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, TMA. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of TMA elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TMA. It may not necessarily be applicable to this product.

NCBI GI #	49106
NCBI Accession #	CAA47405.1
UniProt Primary Accession #	P46469
NCBI Official Full Name	tma, partial
UniProt Protein Name	ATP-dependent zinc metalloprotease FtsH
UniProt Gene Name	ftsH
UniProt Synonym Gene Names	tma
UniProt Entry Name	FTSH_LACLA

UniProt Comments for TMA	Function: Acts as a processive, ATP-dependent zinc metallopeptidase for both cytoplasmic and membrane proteins. Plays a role in the quality control of integral membrane proteins By similarity. HAMAP-Rule MF_01458 Cofactor: Binds 1 zinc ion per subunit By similarity. HAMAP-Rule MF_01458 Subunit structure: Homohexamer Potential. Subcellular location: Cell membrane; Multi-pass membrane protein; Cytoplasmic side By similarity HAMAP-Rule MF_01458. Sequence similarities: In the central section; belongs to the AAA ATPase family.In the C-terminal section; belongs to the peptidase M41 family.
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