Max-Like Protein X (MLX) ELISA Kit for Duck

PRODUCT OVERVIEW

Product Name	Max-Like Protein X (MLX), ELISA Kit
Full Product Name	Duck Max-Like Protein X (MLX) ELISA Kit
Product Gene Name	MLX elisa kit
Species Reactivity	Duck
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	27,883 Da
OMIM	AF203978 mRNA
3D Structure	ModBase 3D Structure for Q9UH92
Related Product Information for MLX elisa kit	MBS9396441 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Max-Like Protein X (MLX) 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 MLX. The ELISA analytical biochemical technique of the MBS9396441 kit is based on MLX antibody-MLX antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect MLX antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, MLX. 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 MLX 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 MLX. It may not necessarily be applicable to this product.

NCBI GI #	38201614
NCBI GeneID	6945
NCBI Accession #	NP_937848.1
UniProt Primary Accession #	Q9UH92
UniProt Secondary Accession #	Q53XM6; Q96FL2; Q9H2V0; Q9H2V1; Q9H2V2; Q9NXN3; A8K2J3; B2RAV8; B2RD73
UniProt Related Accession #	Q9UH92
GenBank Nucleotide #	NM_198205.1
NCBI Official Full Name	max-like protein X isoform alpha
NCBI Official Synonym Full Names	MLX, MAX dimerization protein
NCBI Official Symbol	MLX
NCBI Official Synonym Symbols	TF4; MAD7; MXD7; TCFL4; bHLHd13
UniProt Protein Name	Max-like protein X
UniProt Synonym Protein Names	Class D basic helix-loop-helix protein 13; bHLHd13; Max-like bHLHZip protein; Protein BigMax; Transcription factor-like protein 4

Protein Family	Max-like protein
UniProt Gene Name	MLX
UniProt Synonym Gene Names	BHLHD13; TCFL4; bHLHd13
NCBI Protein Information	max-like protein X
NCBI Summary for MLX	The product of this gene belongs to the family of basic helix-loop-helix leucine zipper (bHLH-Zip) transcription factors. These factors form heterodimers with Mad proteins and play a role in proliferation, determination and differentiation. This gene product may act to diversify Mad family function by its restricted association with a subset of the Mad family of transcriptional repressors, namely, Mad1 and Mad4. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for MLX	Transcription regulator. Forms a sequence-specific DNA-binding protein complex with MAD1, MAD4, MNT, WBSCR14 and MLXIP which recognizes the core sequence 5'-CACGTG-3'. The TCFL4-MAD1, TCFL4-MAD4, TCFL4-WBSCR14 complexes are transcriptional repressors. Plays a role in transcriptional activation of glycolytic target genes. Involved in glucose-responsive gene regulation.
Research Articles on MLX	**1.** MYC is part of a network of bHLHLZ proteins centered on the MYC heterodimeric partner MAX and its counterpart, the MAX-like protein MLX.
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