

Human Protein LYRIC (MTDH) ELISA Kit | MTDH elisa kit

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CATALOG #
AAA331665

REACTIVITY
Human

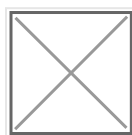
PRODUCT SYNONYMS

Protein LYRIC (MTDH); Human Protein LYRIC (MTDH) ELISA Kit; MTDH; 3D3; AEG-1; AEG1; LYRIC; LYRIC/3D3; astrocyte elevated gene-1; metastasis adhesion protein; MTDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein LYRIC (MTDH) ELISA Kit has high sensitivity and excellent specificity for detection of Human MTDH. No significant cross-reactivity or interference between Human MTDH and analogues was observed.
Sequence Length	582
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Protein LYRIC (MTDH) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MTDH elisa kit	Description: This Human Protein LYRIC (MTDH) ELISA Kit employs a two-site sandwich ELISA to quantitate MTDH in samples. An antibody specific for MTDH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MTDH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MTDH is added to the wells. After washing, Streptavidin 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 MTDH bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MTDH (Metadherin) is a Protein Coding gene. Diseases associated with MTDH include Nervous System Disease. Among its related pathways are Adhesion and Cytoskeleton remodeling Regulation of actin cytoskeleton by Rho GTPases. GO annotations related to this gene include poly(A) RNA binding and double-stranded RNA binding. Downregulates SLC1A2/EAAT2 promoter activity when expressed ectopically. Activates the nuclear factor kappa-B (NF-kappa-B) transcription factor. Promotes anchorage-independent growth of immortalized melanocytes and astrocytes which is a key component in tumor cell expansion. Promotes lung metastasis and also has an effect on bone and brain metastasis, possibly by enhancing the seeding of tumor cells to the target organ endothelium. Induces chemoresistance.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223555917
NCBI GeneID	92140
NCBI Accession #	NP_848927.2
NCBI GenBank Nucleotide #	NP_848927.2
UniProt Accession #	Q86UE4
NCBI Official Full Name	protein LYRIC isoform 1
NCBI Official Synonym Full Names	metadherin
NCBI Official Symbol	MTDH
NCBI Official Synonym Symbols	3D3; AEG1; AEG-1; LYRIC; LYRIC/3D3
NCBI Protein Information	protein LYRIC
UniProt Protein Name	Protein LYRIC
UniProt Gene Name	MTDH
UniProt Synonym Gene Names	AEG1; LYRIC; AEG-1
UniProt Entry Name	LYRIC_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/protein-lyric-mtdh/331665>