

Human Melanoma Derived Leucine Zipper Extra Nuclear Factor (MLZE) ELISA Kit | MLZE elisa kit

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CATALOG #

AAA67141

REACTIVITY

Human

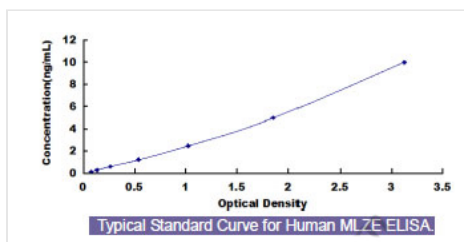
PRODUCT SYNONYMS

Melanoma Derived Leucine Zipper Extra Nuclear Factor (MLZE); Human Melanoma Derived Leucine Zipper Extra Nuclear Factor (MLZE) ELISA Kit; GSDMC; Gasdermin C; Melanoma-Derived Leucine Zipper; Extranuclear Factor; MLZE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MLZE. No significant cross-reactivity or interference between MLZE and analogues was observed.
Sequence Length	508
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.066ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MLZE were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MLZE were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MLZE elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MLZE in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MLZE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MLZE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MLZE, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MLZE in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13899221
NCBI GeneID	56169
NCBI Accession #	NP_113603.1
NCBI GenBank Nucleotide #	NM_031415.2
UniProt Accession #	Q9BYG8; Q5XKF3; Q6P494
Molecular Weight	57,692 Da
NCBI Official Full Name	gasdermin-C
NCBI Official Synonym Full Names	gasdermin C
NCBI Official Symbol	GSDMC
NCBI Official Synonym Symbols	MLZE
NCBI Protein Information	gasdermin-C
UniProt Protein Name	Gasdermin-C
UniProt Gene Name	GSDMC
UniProt Synonym Gene Names	MLZE

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/melanoma-derived-leucine-zipper-extra-nuclear-factor-mlze/67141>