

Mouse Myeloid Cell Leukemia Sequence 1, Bcl2 Related (MCL1) ELISA Kit | MCL1 elisa kit

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CATALOG #
AAA140221

REACTIVITY
Mouse

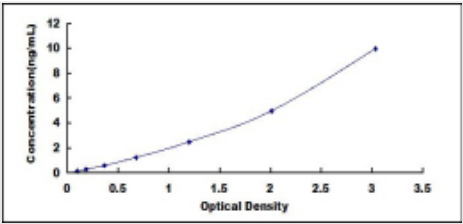
PRODUCT SYNONYMS

Myeloid Cell Leukemia Sequence 1; Bcl2 Related (MCL1); Mouse Myeloid Cell Leukemia Sequence 1; Bcl2 Related (MCL1) ELISA Kit; EAT; MCL1L; MCL1S; BCL2L3; TM; Induced Myeloid Leukemia Cell Differentiation Protein Mcl-1; Bcl-2-like protein 3; Bcl-2-related protein EAT/mcl1; mcl1/EAT; MCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Myeloid Cell Leukemia Sequence 1, Bcl2 Related (MCL1). No significant cross-reactivity or interference between Myeloid Cell Leukemia Sequence 1, Bcl2 Related (MCL1) and analogues was observed.
Sequence Length	271
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Myeloid Cell Leukemia Sequence 1, Bcl2 Related (MCL1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Myeloid Cell Leukemia Sequence 1, Bcl2 Related (MCL1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCL1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Myeloid Cell Leukemia Sequence 1, Bcl2 Related (MCL1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Myeloid Cell Leukemia Sequence 1, Bcl2 Related (MCL1). 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 Myeloid Cell Leukemia Sequence 1, Bcl2 Related (MCL1), 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 Myeloid Cell Leukemia Sequence 1, Bcl2 Related (MCL1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for MCL1 elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	4235637
NCBI GeneID	4170
UniProt Accession #	Q07820; Q9HD91; Q9NRQ3; Q9NRQ4; Q9UHR7; Q9UHR8; Q9UHR9; Q9UNJ1; B2R6B2; D3DV03; D3DV04
Molecular Weight	28,662 Da
NCBI Official Full Name	myeloid cell leukemia sequence 1
NCBI Official Synonym Full Names	myeloid cell leukemia 1
NCBI Official Symbol	MCL1
NCBI Official Synonym Symbols	TM; EAT; MCL1L; MCL1S; Mcl-1; BCL2L3; MCL1-ES; bcl2-L-3; mcl1/EAT
NCBI Protein Information	induced myeloid leukemia cell differentiation protein Mcl-1
UniProt Protein Name	Induced myeloid leukemia cell differentiation protein Mcl-1
UniProt Gene Name	MCL1
UniProt Synonym Gene Names	BCL2L3; Bcl2-L-3
UniProt Entry Name	MCL1_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.