

Mouse Induced myeloid leukemia cell differentiation protein Mcl-1 (MCL1) ELISA Kit

Catalog No: #EK9823

Orders: order@signalwayantibody.com

Package Size: #EK9823-1 48T #EK9823-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Mouse Induced myeloid leukemia cell differentiation protein Mcl-1 (MCL1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	BCL2L3; EAT; MCL1L; MCL1S; MGC104264; MGC1839; Mcl-1; TM; induced myeloid leukemia cell differentiation protein Mcl-1 myeloid cell leukemia ES myeloid cell leukemia sequence 1 myeloid cell leukemia
Accession No.	P97287
Uniprot	P97287
GeneID	17210;
Storage	The stability of ELISA 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. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range:0.156-10 ng/mL

Sensitivity:0.063 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate MCL1 in samples. An antibody specific for MCL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyMCL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MCL1 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 MCL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**Induced myeloid leukemia cell differentiation protein Mcl-1 is a protein belongs to the Bcl-2 family. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. The longer gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene product (isoform 2) promotes apoptosis and is death-inducing.

Note: This product is for in vitro research use only