

Mouse V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC) ELISA Kit | MYC elisa kit

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CATALOG #
AAA139398

REACTIVITY
Mouse

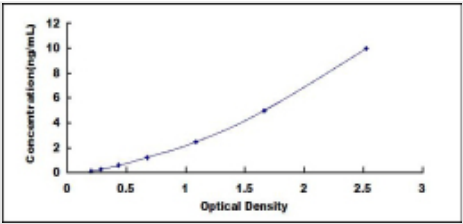
PRODUCT SYNONYMS

V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC); Mouse V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC) ELISA Kit; C-Myc; BHLHE39; Myc Proto-Oncogene Protein; Class E basic helix-loop-helix protein 39; Transcription factor p64; Proto-oncogene c-Myc; MYC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC). No significant cross-reactivity or interference between V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC) and analogues was observed.
Sequence Length	252
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.066ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC) 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 MYC 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 V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC). 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 V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC), 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 V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for MYC elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	189232456
NCBI GeneID	4609
UniProt Accession #	B3CJ65; P01106
Molecular Weight	27,264 Da
NCBI Official Full Name	v-myc myelocytomatosis viral oncogene homolog, partial
NCBI Official Synonym Full Names	v-myc avian myelocytomatosis viral oncogene homolog
NCBI Official Symbol	MYC
NCBI Official Synonym Symbols	MRTL; MYCC; c-Myc; bHLHe39
NCBI Protein Information	myc proto-oncogene protein
UniProt Protein Name	V-myc myelocytomatosis viral oncogene homolog
UniProt Gene Name	MYC
UniProt Entry Name	B3CJ65_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.