Human v-myc myelocytomatosis viral oncogene homolog (avian) ELISA Kit | MYC elisa kit

Human c-myc Oncogene product, c-myc ELISA Kit

CATALOG #	REACTIVITY
AAA15533	**Human**

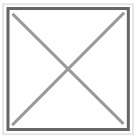
PRODUCT SYNONYMS

v-myc myelocytomatosis viral oncogene homolog (avian); Human c-myc Oncogene product; c-myc ELISA Kit; MRTL; bHLHe39; c-Myc; avian myelocytomatosis viral oncogene homolog; myc proto-oncogene protein; myc-related translation/localization regulatory factor; v-myc avian myelocytomatosis viral oncogene homo; MYC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human c-myc. No significant cross-reactivity or interference between human c-myc and analogues was observed.
Sequence Length	454
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml.
Sensitivity	The minimum detectable dose of human c-myc is typically less than 0.078 ng/ml.The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYC elisa kit	**Principle of the assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for c-myc has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any c-myc present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for c-myc is added to the wells. After washing, avidin 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 c-myc bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71774083
NCBI GeneID	4609
NCBI Accession #	NP_002458.2
NCBI GenBank Nucleotide #	NM_002467.4
UniProt Accession #	P01106; P01107; Q14026; A8WFE7
Molecular Weight	48,804 Da
NCBI Official Full Name	myc proto-oncogene protein
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; proto-oncogene c-Myc; transcription factor p64; class E basic helix-loop-helix protein 39; avian myelocytomatosis viral oncogene homolog; v-myc myelocytomatosis viral oncogene homolog; myc-related translation/localization regulatory factor
UniProt Protein Name	Myc proto-oncogene protein
UniProt Gene Name	**MYC**
UniProt Synonym Gene Names	BHLHE39; bHLHe39
UniProt Entry Name	MYC_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/v-myc-myelocytomatosis-viral-oncogene-homolog-avian/15533