

Mouse c-myc Oncogene product ELISA Kit | C-MYC elisa kit

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CATALOG #
AAA16208

REACTIVITY
Mouse

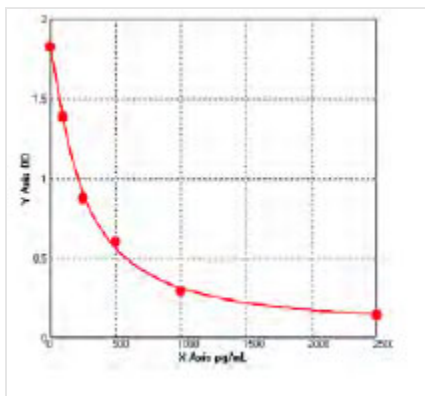
PRODUCT SYNONYMS

c-myc Oncogene product; Mouse c-myc Oncogene product ELISA Kit; C-MYC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CMOP. No significant cross-reactivity or interference between CMOP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CMOP and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C-MYC elisa kit	Intended Uses: This CMOP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CMOP. This ELISA kit for research use only! Principle of the Assay: CMOP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CMOP antibody and an CMOP-HRP conjugate. The assay sample and buffer are incubated together with CMOP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CMOP concentration since CMOP from samples and CMOP-HRP conjugate compete for the anti-CMOP antibody binding site. Since the number of sites is limited, as more sites are occupied by CMOP from the sample, fewer sites are left to bind CMOP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CMOP concentration in each sample is interpolated from this standard curve.
Product Categories/Family for C-MYC elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	396512
NCBI GeneID	4609
UniProt Accession #	Q6LBK7; P01106
Molecular Weight	7,012 Da
NCBI Official Full Name	c-myc, 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; 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	C-myc protein
UniProt Gene Name	c-myc
UniProt Entry Name	Q6LBK7_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.