

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

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CATALOG #
AAA89445

REACTIVITY
Porcine

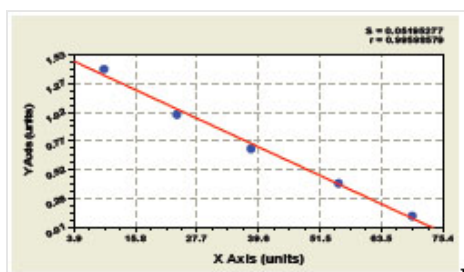
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This Cmyc ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine Cmyc. This ELISA kit for research use only, not for therapeutic applications!
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

Principle of the Assay: C-MYC ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C-MYC antibody and an C-MYC-HRP conjugate. The assay sample and buffer are incubated together with C-MYC-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 C-MYC concentration since C-MYC from samples and C-MYC-HRP conjugate compete for the anti-C-MYC antibody binding site. Since the number of sites is limited, as more sites are occupied by C-MYC from the sample, fewer sites are left to bind C-MYC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C-MYC 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.

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Online datasheet: <https://stage.aaabiotech.com/porcine-elisa-kits/c-myc-oncogene-product/89445>