Human v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian) ELISA Kit | MYCN elisa kit

Human N-myc proto-oncogene protein, MYCN ELISA Kit

CATALOG #	REACTIVITY
AAA18040	**Human**

PRODUCT SYNONYMS

v-myc myelocytomatosis viral related oncogene; neuroblastoma derived (avian); Human N-myc proto-oncogene protein; MYCN ELISA Kit; Human N-myc proto-oncogene protein (MYCN) ELISA kit; MODED; N-myc; NMYC; ODED; bHLHe37; N-myc proto-oncogene protein; neuroblastoma MYC oncogene; neuroblastoma-derived v-myc avian myelocytomatosis viral related oncogene; oncogene NMYC; pp65/67; v-myc avian; MYCN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MYCN. No significant cross-reactivity or interference between human MYCN and analogues was observed.
Sequence Length	464
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
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 MYCN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MYCN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MYCN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MYCN 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 MYCN bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923312
NCBI GeneID	4613
NCBI Accession #	NP_005369.2
NCBI GenBank Nucleotide #	NM_005378.5
UniProt Accession #	P04198; Q53XS5; Q6LDT9
Molecular Weight	49,561 Da
NCBI Official Full Name	N-myc proto-oncogene protein isoform 1
NCBI Official Synonym Full Names	v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog
NCBI Official Symbol	MYCN
NCBI Official Synonym Symbols	NMYC; ODED; MODED; N-myc; bHLHe37
NCBI Protein Information	N-myc proto-oncogene protein; pp65/67; oncogene NMYC; neuroblastoma MYC oncogene; class E basic helix-loop-helix protein 37; neuroblastoma-derived v-myc avian myelocytomatosis viral related oncogene
UniProt Protein Name	N-myc proto-oncogene protein
UniProt Gene Name	**MYCN**
UniProt Synonym Gene Names	BHLHE37; NMYC; bHLHe37
UniProt Entry Name	MYCN_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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