

Canine MAX dimerization protein 1 ELISA Kit | Mxd1 elisa kit

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CATALOG #
AAA97064

REACTIVITY
Canine

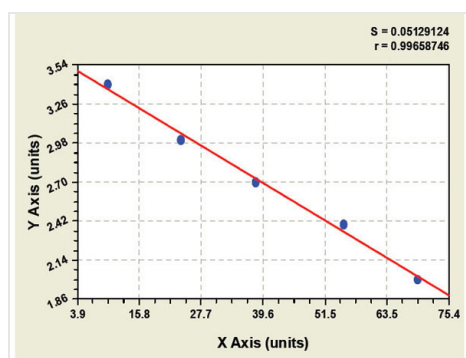
PRODUCT SYNONYMS

MAX dimerization protein 1; Canine MAX dimerization protein 1 ELISA Kit; Mxd1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This Mxd1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine Mxd1. 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 Mxd1 elisa kit

Principle of the Assay: Mxd1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Mxd1 antibody and an Mxd1-HRP conjugate. The assay sample and buffer are incubated together with Mxd1-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 Mxd1 concentration since Mxd1 from samples and Mxd1-HRP conjugate compete for the anti-Mxd1 antibody binding site. Since the number of sites is limited, as more sites are occupied by Mxd1 from the sample, fewer sites are left to bind Mxd1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Mxd1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109731299
NCBI GeneID	4084
Molecular Weight	24,027 Da
NCBI Official Full Name	MAX dimerization protein 1
NCBI Official Synonym Full Names	MAX dimerization protein 1
NCBI Official Symbol	MXD1
NCBI Official Synonym Symbols	MAD; MAD1; BHLHC58
NCBI Protein Information	max dimerization protein 1; max dimerizer 1; MAX-binding protein; antagonist of myc transcriptional activity
UniProt Protein Name	Max dimerization protein 1
UniProt Gene Name	MXD1
UniProt Synonym Gene Names	MAD; Max dimerizer 1
UniProt Entry Name	MAD1_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/mxd1-canine-elisa-kits/max-dimerization-protein-1/97064>