

Guinea Pig Dynamin 2 ELISA Kit | DNM2 elisa kit

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CATALOG #
AAA81871

REACTIVITY
Guinea Pig

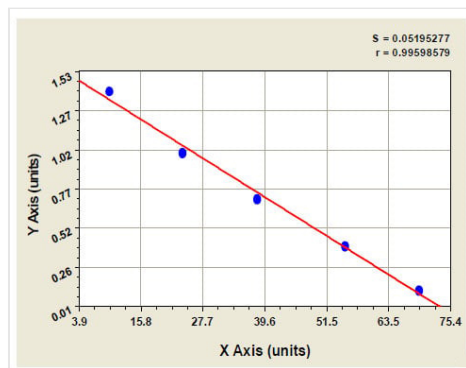
PRODUCT SYNONYMS

Dynamin 2; Guinea pig Dynamin 2 ELISA Kit; DNM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This DNM2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig DNM2. 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 DNM2 elisa kit

Principle of the assay: DNM2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DNM2 antibody and an DNM2-HRP conjugate. The assay sample and buffer are incubated together with DNM2-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 DNM2 concentration since DNM2 from samples and DNM2-HRP conjugate compete for the anti-DNM2 antibody binding site. Since the number of sites is limited, as more sites are occupied by DNM2 from the sample, fewer sites are left to bind DNM2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DNM2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549125
NCBI GeneID	1785
NCBI Accession #	NP_001005362.1
NCBI GenBank Nucleotide #	NM_001005362.2
Molecular Weight	97,977 Da
NCBI Official Full Name	dynamamin-2 isoform 4
NCBI Official Synonym Full Names	dynamamin 2
NCBI Official Symbol	DNM2
NCBI Official Synonym Symbols	DYN2; CMT2M; DYNII; LCCS5; CMTDI1; CMTDIB; DI-CMTB
NCBI Protein Information	dynamamin-2; dynamamin II
UniProt Protein Name	Dynamamin-2
UniProt Gene Name	DNM2
UniProt Synonym Gene Names	DYN2
UniProt Entry Name	DYN2_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.