

Bovine Dynamin 2 ELISA Kit | DNM2 elisa kit

Bovine Dynamin 2 ELISA Kit

CATALOG #
AAA91501

REACTIVITY
Bovine

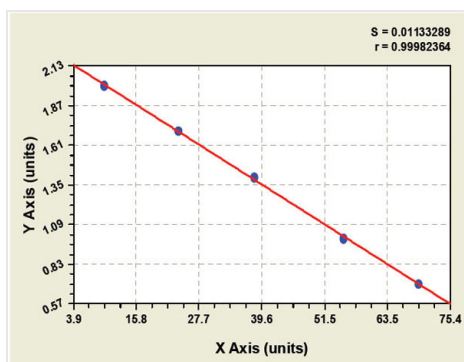
PRODUCT SYNONYMS

Dynamin 2; Bovine Dynamin 2 ELISA Kit; DNM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This DNM2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine 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.

Product Categories/Family for DNM2 elisa kit

Neurobiology

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	dynamin-2 isoform 4
NCBI Official Synonym Full Names	dynamin 2
NCBI Official Symbol	DNM2
NCBI Official Synonym Symbols	DYN2; CMT2M; DYNII; LCCS5; CMTDI1; CMTDIB; DI-CMTB
NCBI Protein Information	dynamin-2; dynamin II
UniProt Protein Name	Dynamin-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.

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Online datasheet: <https://stage.aaabiotech.com/dnm2-bovine-ovine-elisa-kits/dynamin-2/91501>