

Human Dynamin 2 ELISA Kit | DNM2 elisa kit

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CATALOG #
AAA87489

REACTIVITY
Human

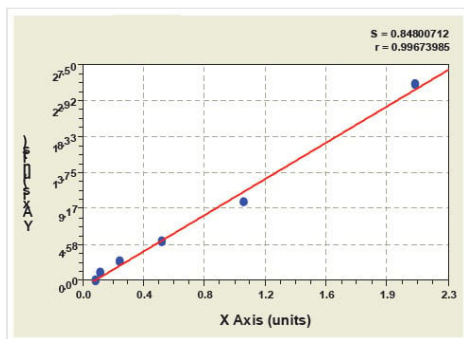
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or 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 Human 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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for DNM2. Standards or samples are then added to the microtiter plate wells and DNM2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of DNM2 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for DNM2 are added to each well to "sandwich" the DNM2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain DNM2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.