

Mouse Dynamin 1 ELISA Kit | DNM1 elisa kit

Mouse Dynamin 1 ELISA Kit

CATALOG # AAA82646	REACTIVITY Mouse
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PRODUCT SYNONYMS

Dynamin 1; Mouse Dynamin 1 ELISA Kit; DNM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 DNM-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse DNM-1. 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 DNM1 elisa kit	Principle of the assay: DNM-1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for DNM-1. Standards or samples are then added to the microtiter plate wells and DNM-1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of DNM-1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for DNM-1 are added to each well to "sandwich" the DNM-1 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 DNM-1 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 DNM-1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for DNM1 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	19112806
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NCBI GeneID	2540159
NCBI Accession #	NP_596014.1
NCBI GenBank Nucleotide #	NM_001021922.2
UniProt Accession #	Q09748
Molecular Weight	87,009 Da
NCBI Official Full Name	dynamin Dnm1
NCBI Official Symbol	dnm1
NCBI Protein Information	dynamin Dnm1
UniProt Protein Name	Dynamin-related protein dnm1
UniProt Gene Name	dnm1
UniProt Synonym Gene Names	SPBC12C2.08
UniProt Entry Name	DNM1_SCHPO

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/dnm1-mouse-elisa-kits/dynamin-1/82646>