

Human Dynamin 1 (DNM1) ELISA Kit | DNM1 elisa kit

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CATALOG #
AAA86191

REACTIVITY
Human

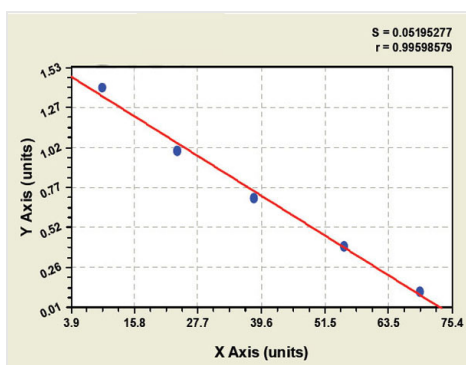
PRODUCT SYNONYMS

Dynamin 1 (DNM1); Human Dynamin 1 (DNM1) ELISA Kit; Human Dynamin 1 (DNM1); Human Dynamin 1 ELISA Kit (DNM1) (Human); DNM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DNM1 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This BG DNM1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human DNM1. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY DNM1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DNM1 antibody and an DNM1-HRP conjugate. The assay sample and buffer are incubated together with DNM1-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 DNM1 concentration since DNM1 from samples and DNM1-HRP conjugate compete for the anti-DNM1 antibody binding site. Since the number of sites is limited, as more sites are occupied by DNM1 from the sample, fewer sites are left to bind DNM1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DNM1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18093102
NCBI GeneID	140694
NCBI Accession #	NP_542420.1
NCBI GenBank Nucleotide #	NM_080689.4
UniProt Accession #	P21575
Molecular Weight	97,295 Da
NCBI Official Full Name	dynamin-1
NCBI Official Synonym Full Names	dynamin 1
NCBI Official Symbol	Dnm1
NCBI Official Synonym Symbols	Dnm
NCBI Protein Information	dynamin-1; D100; B-dynamin; dynamin, brain
UniProt Protein Name	Dynamin-1
UniProt Gene Name	Dnm1
UniProt Synonym Gene Names	Dnm
UniProt Entry Name	DYN1_RAT

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.