

Mouse Dynamin-1-like protein ELISA Kit | Dnm1l elisa kit

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CATALOG #
AAA196261

REACTIVITY
Mouse

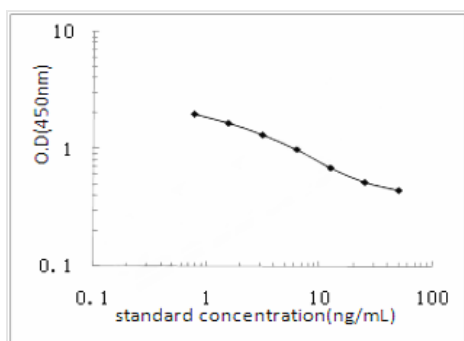
PRODUCT SYNONYMS

Dynamin-1-like protein; Mouse Dynamin-1-like protein ELISA Kit; Dynamin family member proline-rich carboxyl-terminal domain less; Dymple; Dynamin-related protein 1; Dnm1l; Drp1; 3.6.5.5; Dnm1l elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural MouseDynamin-1-like protein. No significant cross-reactivity or interference was observed.
Sequence Length	738
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	0.78-50.0ng/ml.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Dnm1l elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mousedynamin-1-like protein,Dynamin-1-like proteinconcentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassaytechnique. The microtiter plate provided in this kit has been pre-coated with an antibody specific toDynamin-1-like protein. During the reaction,Dynamin-1-like proteinin the sample or standard competes with a fixed amount of biotin-labeledDynamin-1-like protein for sites on a pre-coated Monoclonal antibody specific to Dynamin-1-like protein. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Thena TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Dynamin-1-like protein in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	510937027
NCBI GeneID	10059
NCBI Accession #	NP_001265394.1
NCBI GenBank Nucleotide #	NM_001278465.1
Molecular Weight	82,057 Da
NCBI Official Full Name	dynamin-1-like protein isoform 6
NCBI Official Synonym Full Names	dynamin 1 like
NCBI Official Symbol	DNM1L
NCBI Official Synonym Symbols	DLP1; DRP1; DVLP; EMPF; DYMPLE; HDYNIV
NCBI Protein Information	dynamin-1-like protein
UniProt Protein Name	Dynamin-1-like protein
UniProt Gene Name	DNM1L
UniProt Synonym Gene Names	DLP1; DRP1; DVLP; Dymple; HdynIV
UniProt Entry Name	DNM1L_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.