

Human Dynamin-2 ELISA Kit | DNM2 elisa kit

Human Dynamin-2 ELISA Kit

CATALOG #
AAA100552

REACTIVITY
Human

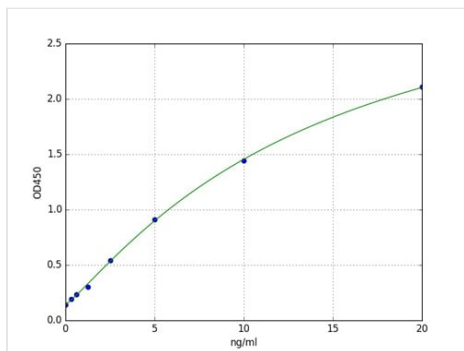
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	866
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Human Dynamin-2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.142	0.196	0.224	0.314	0.525	0.948	1.468	2.123

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DNM2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human Dynamin-2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human Dynamin-2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human Dynamin-2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human Dynamin-2 can be calculated.

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
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-human-elisa-kits/dynamin-2/100552>