

Sheep Dynamin 1 ELISA Kit | DNM1 elisa kit

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CATALOG #
AAA90062

REACTIVITY
Sheep

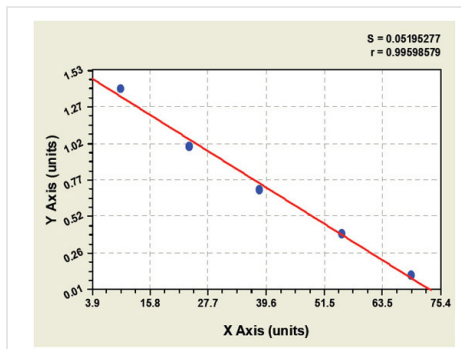
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
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 DNM1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep 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 #	19112806
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-sheep-elisa-kits/dynamin-1/90062>