

Mouse Perilipin-1 ELISA Kit | Plin1 elisa kit

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CATALOG #
AAA191456

REACTIVITY
Mouse

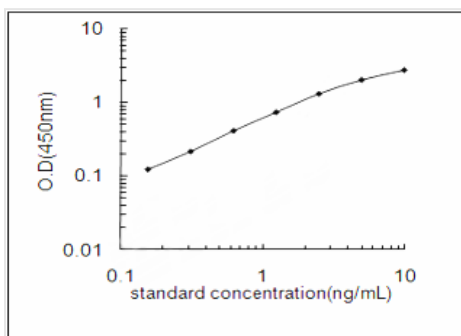
PRODUCT SYNONYMS

Perilipin-1; Mouse Perilipin-1 ELISA Kit; Lipid droplet-associated protein; Perilipin A; Plin1; Peri; Plin; Plin1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Perilipin-1. No significant cross-reactivity or interference was observed.
Sequence Length	517
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.094 ng/mL
Intra-Assay CV	<=6.5%
Inter-Assay CV	<=8.0%
Recovery	87%
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 Plin1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Perilipin-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Perilipin-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Perilipin-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Perilipin-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Perilipin-1 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 #	164698413
NCBI GeneID	103968
NCBI Accession #	NP_001106942.1
NCBI GenBank Nucleotide #	NM_001113471.1
UniProt Accession #	Q8CGN5; Q4V9U2; Q8C0F5
Molecular Weight	25,934 Da
NCBI Official Full Name	perilipin-1
NCBI Official Synonym Full Names	perilipin 1
NCBI Official Symbol	Plin1
NCBI Official Synonym Symbols	Peri; Plin; 6030432J05Rik
NCBI Protein Information	perilipin-1
UniProt Protein Name	Perilipin-1
UniProt Gene Name	Plin1
UniProt Synonym Gene Names	Peri; Plin
UniProt Entry Name	PLIN1_MOUSE

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/plin1-mouse-elisa-kits/perilipin-1/191456>