

Mouse Perilipin-2 ELISA Kit | Plin2 elisa kit

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CATALOG #
AAA56376

REACTIVITY
Mouse

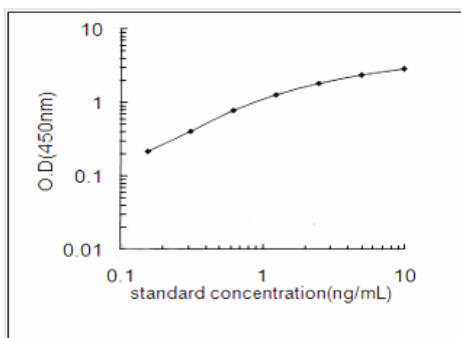
PRODUCT SYNONYMS

Perilipin-2; Mouse Perilipin-2 ELISA Kit; Plin2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Perilipin-2. No significant cross-reactivity or interference was observed.
Sequence Length	437
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.082 ng/mL
Intra-Assay CV	<=6.7%
Inter-Assay CV	<=8.2%
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 Plin2 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Perilipin-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Perilipin-2 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-2, 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 $\pm$ 2 nm. The concentration of Perilipin-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116235489
NCBI GeneID	11520
NCBI Accession #	NP_031434.3
NCBI GenBank Nucleotide #	NM_007408.3
UniProt Accession #	P43883; Q8K3Q8
Molecular Weight	46,646 Da
NCBI Official Full Name	perilipin-2
NCBI Official Synonym Full Names	perilipin 2
NCBI Official Symbol	Plin2
NCBI Official Synonym Symbols	ADPH; Adfp; Adrp; AA407157
NCBI Protein Information	perilipin-2
UniProt Protein Name	Perilipin-2
UniProt Gene Name	Plin2
UniProt Synonym Gene Names	Adfp; Adrp; ADRP
UniProt Entry Name	PLIN2_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/plin2-mouse-elisa-kits/perilipin-2/56376>