

Human Perilipin-1 (PLIN1) ELISA Kit | PLIN1 elisa kit

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CATALOG #
AAA122469

REACTIVITY
Human

PRODUCT SYNONYMS

Perilipin-1 (PLIN1); Human Perilipin-1 (PLIN1) ELISA Kit; PLIN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	522
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 60ng/ml
Sensitivity	0.23ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLIN1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Perilipin 1 (also known as PLIN1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human PLIN1 antibody. PLIN1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human PLIN1 Antibody is added and binds to PLIN1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PLIN1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human PLIN1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223718203
NCBI GeneID	5346
NCBI Accession #	NP_001138783.1
NCBI GenBank Nucleotide #	NM_001145311.1
UniProt Accession #	O60240; Q8N5Y6
Molecular Weight	55,990 Da
NCBI Official Full Name	perilipin-1
NCBI Official Synonym Full Names	perilipin 1
NCBI Official Symbol	PLIN1
NCBI Official Synonym Symbols	PERI; PLIN; FPLD4
NCBI Protein Information	perilipin-1
UniProt Protein Name	Perilipin-1
UniProt Gene Name	PLIN1
UniProt Synonym Gene Names	PERI; PLIN

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/human-elisa-kits/perilipin-1-plin1/122469>