

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

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CATALOG #
AAA250302

REACTIVITY
Rat

PRODUCT SYNONYMS

PLIN1 (Perilipin-1); Rat PLIN1 (Perilipin-1) ELISA Kit; Perilipin-1; Lipid droplet-associated protein; Peri; Plin; Plin1; PLIN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of PLIN1. No significant cross-reactivity or interference between PLIN1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.6-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for PLIN1 elisa kit	<p>Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1172433
NCBI GeneID	25629
UniProt Accession #	P43884
Molecular Weight	45,080 Da
NCBI Official Full Name	Perilipin-1
NCBI Official Synonym Full Names	perilipin 1
NCBI Official Symbol	Plin1
NCBI Official Synonym Symbols	Plin; PERIA

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/rat-elisa-kits/plin1-perilipin-1/250302>