

Chicken Perilipin 1 ELISA Kit | PLIN1 elisa kit

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CATALOG #
AAA95379

REACTIVITY
Chicken

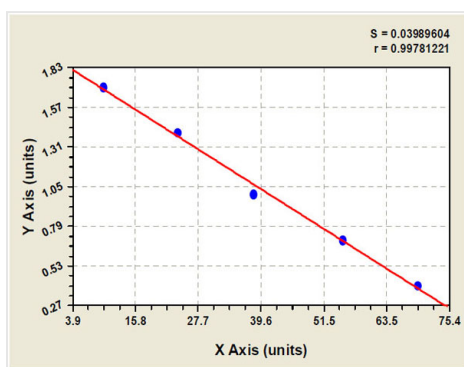
PRODUCT SYNONYMS

Perilipin 1; Chicken Perilipin 1 ELISA Kit; PLIN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
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 PLIN1 elisa kit

Intended Uses: This PLIN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PLIN1. This ELISA kit for research use only!

Principle of the Assay: PLIN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PLIN1 antibody and an PLIN1-HRP conjugate. The assay sample and buffer are incubated together with PLIN1-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 PLIN1 concentration since PLIN1 from samples and PLIN1-HRP conjugate compete for the anti-PLIN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PLIN1 from the sample, fewer sites are left to bind PLIN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PLIN1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PLIN1 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	223718203
NCBI GeneID	5346
NCBI Accession #	NP_001138783.1
NCBI GenBank Nucleotide #	NM_001145311.1
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; lipid droplet-associated protein
UniProt Protein Name	Perilipin-1
UniProt Gene Name	PLIN1
UniProt Synonym Gene Names	PERI; PLIN
UniProt Entry Name	PLIN1_HUMAN

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-chicken-elisa-kits/perilipin-1/95379>