

Human phospholamban, PLN ELISA Kit | PLN elisa kit

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CATALOG #
AAA84939

REACTIVITY
Human

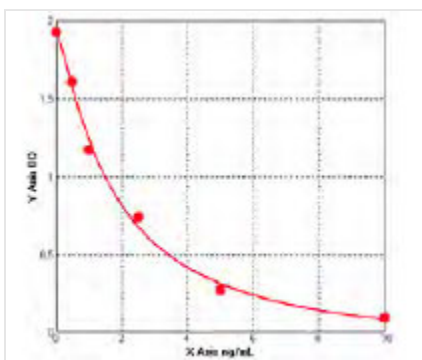
PRODUCT SYNONYMS

phospholamban; PLN; Human phospholamban; PLN ELISA Kit; PLN ELISA Kit (Human); PLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLN elisa kit

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

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

Product Categories/Family for PLN elisa kit

[Human ELISA Kit](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119568583
NCBI GeneID	5350
UniProt Accession #	P26678
Molecular Weight	6,109 Da
NCBI Official Full Name	phospholamban
NCBI Official Synonym Full Names	phospholamban
NCBI Official Symbol	PLN
NCBI Official Synonym Symbols	PLB; CMD1P; CMH18
NCBI Protein Information	cardiac phospholamban
UniProt Protein Name	Cardiac phospholamban
UniProt Gene Name	PLN
UniProt Synonym Gene Names	PLB; PLB
UniProt Entry Name	PPLA_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/human-elisa-kits/phospholamban-pln/84939>