

Porcine Laminin ELISA Kit | LN elisa kit

Porcine Laminin ELISA Kit

CATALOG # AAA16759	REACTIVITY Porcine
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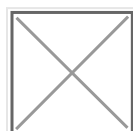
PRODUCT SYNONYMS

Laminin; Porcine Laminin ELISA Kit; LN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of LN. No significant cross-reactivity or interference between LN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between LN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LN elisa kit	<p>Principle of the Assay: LN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-LN antibody and an LN-HRP conjugate. The assay sample and buffer are incubated together with LN-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 LN concentration since LN from samples and LN-HRP conjugate compete for the anti-LN antibody binding site. Since the number of sites is limited, as more sites are occupied by LN from the sample, fewer sites are left to bind LN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LN concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This LN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine LN. This ELISA kit for research use only, not for therapeutic or diagnostic applications!</p>
Product Categories/Family for LN elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	34232
NCBI GeneID	3918
UniProt Accession #	Q13753; Q02536; Q02537; Q13752; Q14941; Q14DF7; Q5VYE8
Molecular Weight	121,604 Da
NCBI Official Full Name	Laminin
NCBI Official Synonym Full Names	laminin, gamma 2
NCBI Official Symbol	LAMC2
NCBI Official Synonym Symbols	B2T; CSF; EBR2; BM600; EBR2A; LAMB2T; LAMNB2
NCBI Protein Information	laminin subunit gamma-2; BM600-100kDa; laminin B2t chain; CSF 140 kDa subunit; nicein subunit gamma; kalinin subunit gamma; ladsin 140 kDa subunit; epiligrin subunit gamma; cell-scattering factor 140 kDa subunit; large adhesive scatter factor 140 kDa subunit
UniProt Protein Name	Laminin subunit gamma-2
UniProt Gene Name	LAMC2
UniProt Synonym Gene Names	LAMB2T; LAMNB2; CSF 140 kDa subunit
UniProt Entry Name	LAMC2_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/in-porcine-elisa-kits/laminin/16759>