

Rat Laminin, LN ELISA Kit | LN elisa kit

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CATALOG #
AAA79985

REACTIVITY
Rat

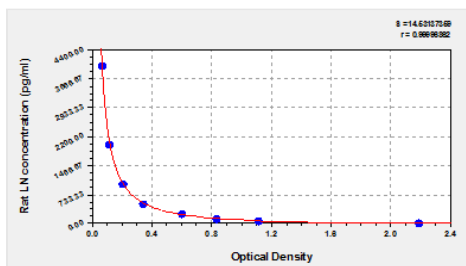
PRODUCT SYNONYMS

Laminin; LN; Rat Laminin; LN ELISA Kit; LN ELISA kit; LN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat LN. No significant cross-reactivity or interference between rat LN and analogues was observed.
Sequence Length	1111
Samples	Serum, plasma
Assay Type	Competitive
Detection Range	62.5 pg/ml -4000 pg/ml.
Sensitivity	The minimum detectable dose of rat LN is typically less than 15.6 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LN elisa kit	Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with LN. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for LN. The competitive inhibition reaction is launched between with pre-coated LN and LN in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of LN in the samples. The color development is stopped and the intensity of the color is measured.
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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/rat-elisa-kits/laminin-ln/79985>