

Mouse Laminin ELISA Kit | LAMA1 elisa kit

Mouse Laminin PicoKine ELISA Kit

CATALOG #
AAA45201

REACTIVITY
Mouse

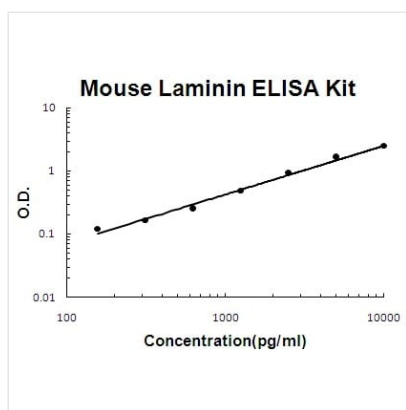
PRODUCT SYNONYMS

Laminin; Mouse Laminin PicoKine ELISA Kit; Laminin subunit alpha-1; Laminin subunit alpha-2; Laminin subunit beta-1; Laminin subunit beta-2; laminin; alpha 1; alpha 2; beta 1; beta 2(laminin S); Lamb2; LAMB2_HUMAN; LAMC1; LAMC2; LAMC3; laminin A; Laminin B; Laminin B1s chain; Laminin gamma 1; Laminin gamma 2; Laminin gamma 3; Laminin-11 subunit beta; Laminin-14 subunit beta; Laminin-15 subunit beta; Laminin-3 subunit beta; Laminin-4 subunit beta; Laminin-7 subunit beta; Laminin-9 subunit beta; OCCM; S-LAM beta; S-laminin subunit beta; LAMA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural mouse Laminin
Sequence Length	1,724
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	156pg/ml-10,000pg/ml
Sensitivity	< 10pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse Laminin PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for LAMA1 elisa kit	Principle of the assay: mouse Laminin ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A polyclonal antibody from rabbit specific for Laminin has been precoated onto 96-well plates. Standards(from murine sarcoma basement membrane) and test samples are added to the wells, a biotinylated detection polyclonal antibody from rabbit specific for Laminin is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 mouse Laminin amount of sample captured in plate. Background: Laminin is a large basement membrane glycoprotein composed of three subunits designated the A, B1, and B2.1 Laminin has diverse biological functions, which include stimulating epithelial cell growth and differentiation.2 The nucleotide sequence of human laminin A chain has an open reading frame encoding 3075-amino acids.1 The human laminin A chain is at locus 18p11.3.3 The nucleotide sequence of the human laminin B1 reveals a 5358-base pair open reading frame that potentially codes for 1786 amino acids, including 20 amino acids of a presumptive signal peptide.2 The gene for the human laminin-B1 chain has been localized to chromosome 7, band q31.4 The B2 chain consists of six distinct domains, including two domains with alpha-helical, coiled-coil structures, two domains with cysteine-rich homologous repeats, and two globular domains. The amino acid sequences of the B2 and B1 chains demonstrate considerable homology.5
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	16774
UniProt Accession #	E9PUR4; O08751; Q61788; Q61966; Q9JHQ7; Q61789
Molecular Weight	190,610 Da
NCBI Official Synonym Full Names	laminin, alpha 3
NCBI Official Symbol	Lama3
NCBI Official Synonym Symbols	[a]3B; Lama3B
NCBI Protein Information	laminin subunit alpha-3; nicein, 150kDa; nicein subunit alpha; kalinin subunit alpha; epiligrin subunit alpha; laminin-5 subunit alpha; laminin-6 subunit alpha; laminin-7 subunit alpha
UniProt Protein Name	Laminin subunit alpha-3
UniProt Gene Name	Lama3
UniProt Entry Name	LAMA3_MOUSE

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/lama1-mouse-elisa-kits/laminin/45201>