

Human laminin, gamma 1 (formerly LAMB2) ELISA Kit | LAMC1 elisa kit

Human Laminin subunit gamma-1, LAMC1 ELISA Kit

CATALOG #
AAA112487

REACTIVITY
Human

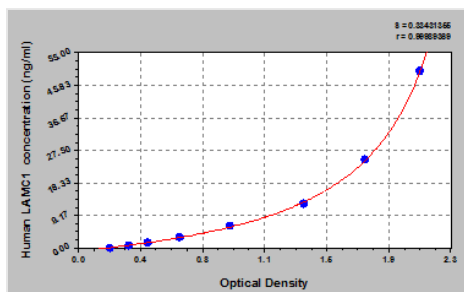
PRODUCT SYNONYMS

laminin; gamma 1 (formerly LAMB2); Human Laminin subunit gamma-1; LAMC1 ELISA Kit; Human Laminin subunit gamma-1 (LAMC1) ELISA kit; RP11-181K3.1; LAMB2; MGC87297; gamma 1; LAMC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LAMC1. No significant cross-reactivity or interference between human LAMC1 and analogues was observed.
Sequence Length	1609
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.78 ng/ml-50 ng/ml
Sensitivity	< 0.195 ng/ml
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 LAMC1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LAMC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LAMC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LAMC1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LAMC1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145309326
NCBI GeneID	3915
NCBI Accession #	NP_002284.3
NCBI GenBank Nucleotide #	NM_002293.3
UniProt Accession #	P11047; Q5VYE7
Molecular Weight	177,603 Da
NCBI Official Full Name	laminin subunit gamma-1
NCBI Official Synonym Full Names	laminin, gamma 1 (formerly LAMB2)
NCBI Official Symbol	LAMC1
NCBI Official Synonym Symbols	LAMB2
NCBI Protein Information	laminin subunit gamma-1; S-LAM gamma; laminin B2 chain; S-laminin subunit gamma; laminin-2 subunit gamma; laminin-3 subunit gamma; laminin-4 subunit gamma; laminin-6 subunit gamma; laminin-7 subunit gamma; laminin-8 subunit gamma; laminin-9 subunit gamma; laminin-10 subunit gamma; laminin-11 subunit gamma
UniProt Protein Name	Laminin subunit gamma-1
UniProt Gene Name	LAMC1
UniProt Synonym Gene Names	LAMB2; S-LAM gamma
UniProt Entry Name	LAMC1_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/lamc1-human-elisa-kits/laminin-gamma-1-formerly-lamb2/112487>