

Human Laminin subunit gamma-2 ELISA Kit | LAMC2 elisa kit

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CATALOG #
AAA99057

REACTIVITY
Human

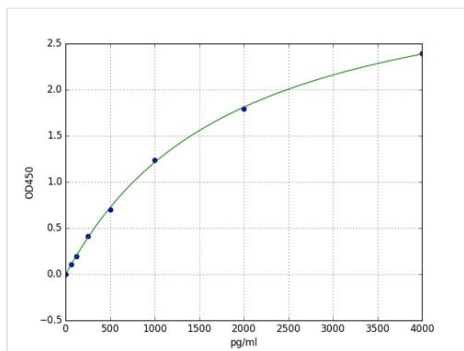
PRODUCT SYNONYMS

Laminin subunit gamma-2; Human Laminin subunit gamma-2 ELISA Kit; LAMC2/Laminin subunit gamma-2/Laminin B2t chain/Ladsin 140 kDa subunit/Kalinin/nicein/epiligrin 100 kDa subunit/Kalinin subunit gamma/Nicein subunit gamma/Large adhesive scatter factor 140 kDa subunit/Laminin-5 subunit gamma/Cell-scattering factor 140 kDa subunit/CSF 140 kDa subunit/Epiligrin subunit gamma/LAMB2T/LAMNB2/B2T/BM600/CSF/EBR2/EBR2A; LAMC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1111
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human LAMC2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	62.5	125	250	500	1000	2000	4000
Y	OD450	0.018	0.075	0.144	0.299	0.589	1.167	1.845	2.346

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LAMC2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human LAMC2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human LAMC2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 Human LAMC2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human LAMC2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157419140
NCBI GeneID	3918
NCBI Accession #	NP_061486.2
NCBI GenBank Nucleotide #	NM_018891.2
Molecular Weight	121,604 Da
NCBI Official Full Name	laminin subunit gamma-2 isoform b
NCBI Official Synonym Full Names	laminin subunit gamma 2
NCBI Official Symbol	LAMC2
NCBI Official Synonym Symbols	B2T; CSF; EBR2; BM600; EBR2A; LAMB2T; LAMNB2
NCBI Protein Information	laminin subunit gamma-2
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/lamc2-human-elisa-kits/laminin-subunit-gamma-2/99057>