

Human Laminin subunit beta-2 ELISA Kit | LAMB2 elisa kit

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CATALOG #
AAA101970

REACTIVITY
Human

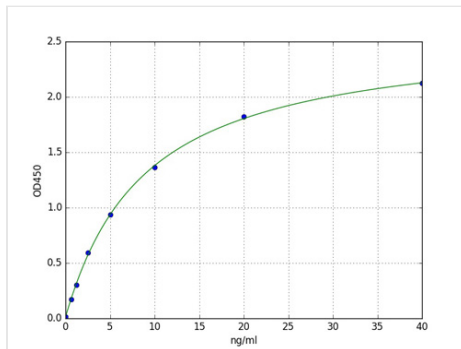
PRODUCT SYNONYMS

Laminin subunit beta-2; Human Laminin subunit beta-2 ELISA Kit; LAMB2/Laminin subunit beta-2/Laminin-4 subunit beta/Laminin-3 subunit beta/Laminin-15 subunit beta/Laminin-14 subunit beta/S-laminin subunit beta/S-LAM beta/Laminin-9 subunit beta/Laminin-7 subunit beta/Laminin B1s chain/Laminin-11 subunit beta; LAMB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1798
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/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



Typical Data & Standard Curve
Results of a typical standard run of a LAMB2 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	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.057	0.089	0.113	0.172	0.283	0.537	1.109	2.234

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LAMB2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-LAMB2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-LAMB2 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 LAMB2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of LAMB2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119703755
NCBI GeneID	3913
NCBI Accession #	NP_002283.3
NCBI GenBank Nucleotide #	NM_002292.3
Molecular Weight	195,981 Da
NCBI Official Full Name	laminin subunit beta-2
NCBI Official Synonym Full Names	laminin subunit beta 2
NCBI Official Symbol	LAMB2
NCBI Official Synonym Symbols	LAMS; NPHS5
NCBI Protein Information	laminin subunit beta-2
UniProt Protein Name	Laminin subunit beta-2
UniProt Gene Name	LAMB2
UniProt Synonym Gene Names	LAMS; S-LAM beta
UniProt Entry Name	LAMB2_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/lamb2-human-elisa-kits/laminin-subunit-beta-2/101970>