

Human Laminin subunit beta-1 ELISA Kit | LAMB1 elisa kit

Human Laminin subunit beta-1 ELISA Kit

CATALOG #
AAA98136

REACTIVITY
Human

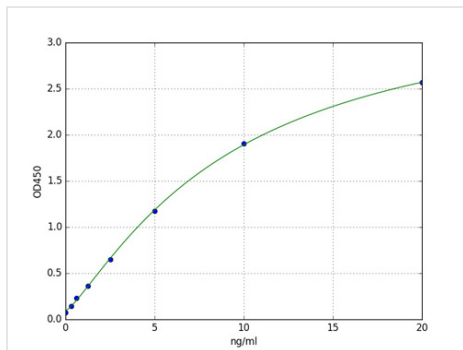
PRODUCT SYNONYMS

Laminin subunit beta-1; Human Laminin subunit beta-1 ELISA Kit; LAMB1/CLM/Laminin-6 subunit beta/Laminin-2 subunit beta/Laminin-12 subunit beta/Laminin-10 subunit beta/Laminin-8 subunit beta/Laminin B1 chain/Laminin-1 subunit beta; LAMB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1786
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 LAMB1 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.029	0.100	0.148	0.354	0.585	1.093	1.964	1.871

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LAMB1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human LAMB1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human LAMB1 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 LAMB1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human LAMB1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614504
NCBI GeneID	3912
NCBI Accession #	NP_002282.2
NCBI GenBank Nucleotide #	NM_002291.2
Molecular Weight	198,038 Da
NCBI Official Full Name	laminin subunit beta-1
NCBI Official Synonym Full Names	laminin subunit beta 1
NCBI Official Symbol	LAMB1
NCBI Official Synonym Symbols	CLM; LIS5
NCBI Protein Information	laminin subunit beta-1
UniProt Protein Name	Laminin subunit beta-1
UniProt Gene Name	LAMB1
UniProt Entry Name	LAMB1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/lamb1-human-elisa-kits/laminin-subunit-beta-1/98136>