

Human Laminin subunit alpha-1 ELISA Kit | LAMA1 elisa kit

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CATALOG #
AAA102520

REACTIVITY
Human

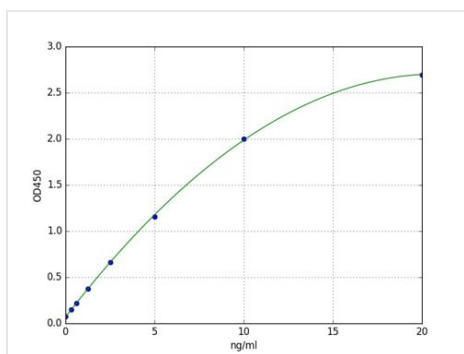
PRODUCT SYNONYMS

Laminin subunit alpha-1; Human Laminin subunit alpha-1 ELISA Kit; LAMA1/LAMA/LAMA1/laminin; alpha 1/S-LAM-alpha/S-laminin subunit alpha/Laminin-3 subunit alpha/Laminin A chain/Laminin-1 subunit alpha; LAMA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	3083
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 LAMA1 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	0.032	0.100	0.163	0.342	0.605	1.112	1.784	2.230

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LAMA1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-LAMA1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- LAMA1 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 LAMA1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of LAMA1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117168301
NCBI GeneID	16772
NCBI Accession #	NP_032506.2
NCBI GenBank Nucleotide #	NM_008480.2
Molecular Weight	338,172 Da
NCBI Official Full Name	laminin subunit alpha-1
NCBI Official Synonym Full Names	laminin, alpha 1
NCBI Official Symbol	Lama1
NCBI Official Synonym Symbols	Lama; AA408497
NCBI Protein Information	laminin subunit alpha-1
UniProt Protein Name	Laminin subunit alpha-1
UniProt Gene Name	Lama1
UniProt Synonym Gene Names	Lama; Lama-1; S-LAM alpha
UniProt Entry Name	LAMA1_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-human-elisa-kits/laminin-subunit-alpha-1/102520>