

Human Laminin subunit alpha-5 ELISA Kit | LAMA5 elisa kit

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CATALOG #
AAA100808

REACTIVITY
Human

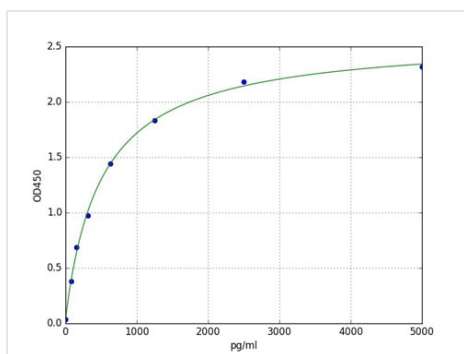
PRODUCT SYNONYMS

Laminin subunit alpha-5; Human Laminin subunit alpha-5 ELISA Kit; LAMA5/Laminin subunit alpha-5/Laminin-15 subunit alpha/Laminin-10 subunit alpha/Laminin-11 subunit alpha/KIAA0533/KIAA1907; LAMA5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	3695
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 LAMA5 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	78	156	312.5	625	1250	2500	5000
Y	OD450	0.021	0.233	0.412	0.778	1.361	1.753	1.971	2.473

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LAMA5 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human LAMA5 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human LAMA5 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 LAMA5 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human LAMA5 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264602
NCBI GeneID	3911
NCBI Accession #	NP_005551.3
NCBI GenBank Nucleotide #	NM_005560.4
Molecular Weight	61,287 Da
NCBI Official Full Name	laminin subunit alpha-5
NCBI Official Synonym Full Names	laminin subunit alpha 5
NCBI Official Symbol	LAMA5
NCBI Protein Information	laminin subunit alpha-5
UniProt Protein Name	Laminin subunit alpha-5
UniProt Gene Name	LAMA5
UniProt Synonym Gene Names	KIAA0533; KIAA1907
UniProt Entry Name	LAMA5_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/lama5-human-elisa-kits/laminin-subunit-alpha-5/100808>