

Human Laminin Alpha 3 (LAMa3) ELISA Kit | LAMa3 elisa kit

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CATALOG #
AAA65746

REACTIVITY
Human

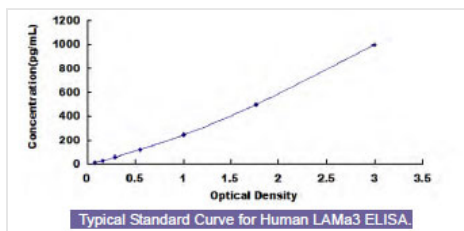
PRODUCT SYNONYMS

Laminin Alpha 3 (LAMa3); Human Laminin Alpha 3 (LAMa3) ELISA Kit; LAM-A3 E170 LAMNA LOCS Lama3a Nicein subunit alpha Kalinin subunit alpha Epiligrin subunit alpha; LAMa3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LAMa3. No significant cross-reactivity or interference between LAMa3 and analogues was observed.
Sequence Length	1724
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LAMa3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level LAMa3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LAMa3 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LAMa3 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LAMa3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LAMa3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain LAMa3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of LAMa3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	732170493
NCBI GeneID	3909
NCBI Accession #	NP_000218.3
NCBI GenBank Nucleotide #	NM_000227.4
UniProt Accession #	Q16787; Q13679; Q13680; Q6VU67; Q6VU68; Q6VU69; Q76E14; Q96TG0; B0YJ33
Molecular Weight	184,054 Da
NCBI Official Full Name	laminin subunit alpha-3 isoform 2
NCBI Official Synonym Full Names	laminin subunit alpha 3
NCBI Official Symbol	LAMA3
NCBI Official Synonym Symbols	E170; LOCS; BM600; LAMNA
NCBI Protein Information	laminin subunit alpha-3
UniProt Protein Name	Laminin subunit alpha-3
UniProt Gene Name	LAMA3
UniProt Synonym Gene Names	LAMNA; E170

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/human-elisa-kits/laminin-alpha-3-lama3/65746>