

Human laminin, alpha 3 ELISA Kit | LAMA3 elisa kit

Human Laminin subunit alpha-3, LAMA3 ELISA Kit

CATALOG #
AAA112808

REACTIVITY
Human

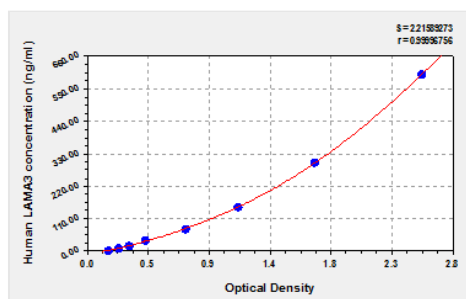
PRODUCT SYNONYMS

laminin; alpha 3; Human Laminin subunit alpha-3; LAMA3 ELISA Kit; Human Laminin subunit alpha-3 (LAMA3) ELISA kit; BM600; E170; LAMNA; LOCS; lama3a; BM600 150kD subunit; epiligrin 170 kda subunit; epiligrin alpha 3 subunit; kalinin 165kD subunit; laminin alpha 3 subunit; alpha 3 (nicein (150kD); kalinin (165; LAMA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LAMA3. No significant cross-reactivity or interference between human LAMA3 and analogues was observed.
Sequence Length	1724
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	9.4 ng/ml-600 ng/ml
Sensitivity	< 2.35 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LAMA3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LAMA3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LAMA3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LAMA3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LAMA3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38045908
NCBI GeneID	3909
NCBI Accession #	NP_000218.2
NCBI GenBank Nucleotide #	NM_000227.3
UniProt Accession #	Q16787; Q13679; Q13680; Q6VU67; Q6VU68; Q6VU69; Q76E14; Q96TG0; B0YJ33
Molecular Weight	366,649 Da
NCBI Official Full Name	laminin subunit alpha-3 isoform 2
NCBI Official Synonym Full Names	laminin, alpha 3
NCBI Official Symbol	LAMA3
NCBI Official Synonym Symbols	E170; LOCS; BM600; LAMNA; lama3a
NCBI Protein Information	laminin subunit alpha-3; BM600 150kD subunit; nicein 150kD subunit; nicein subunit alpha; kalinin 165kD subunit; kalinin subunit alpha; epiligrin subunit alpha; laminin-5 alpha 3 chain; laminin-5 subunit alpha; laminin-6 subunit alpha; laminin-7 subunit alpha; epiligrin 170 kda subunit; epiligrin alpha 3 subunit; laminin, alpha 3 (nicein (150kD), kalinin (165kD), BM600 (150kD), epilegrin)
UniProt Protein Name	Laminin subunit alpha-3
UniProt Gene Name	LAMA3
UniProt Synonym Gene Names	LAMNA; E170
UniProt Entry Name	LAMA3_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.