

Human Laminin Beta 3 (LAMb3) ELISA Kit | LAMb3 elisa kit

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CATALOG #
AAA64122

REACTIVITY
Human

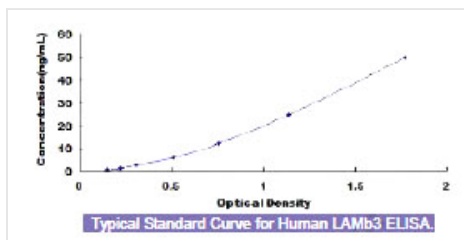
PRODUCT SYNONYMS

Laminin Beta 3 (LAMb3); Human Laminin Beta 3 (LAMb3) ELISA Kit; LAM-B3 LAMNB1 Nicein subunit beta Kalinin subunit beta Epiligrin subunit bata Laminin B1k chain Laminin-5 subunit beta; LAMb3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LAMb3. No significant cross-reactivity or interference between LAMb3 and analogues was observed.
Sequence Length	1172
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	0.26ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LAMb3 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 LAMb3 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 LAMb3 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LAMb3 in human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LAMb3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LAMb3. 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 LAMb3, 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 LAMb3 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 #	62868215
NCBI GeneID	3914
NCBI Accession #	NP_000219.2
NCBI GenBank Nucleotide #	NM_000228.2
UniProt Accession #	Q13751; O14947; Q14733; Q9UJK4; Q9UJL1; D3DT88
Molecular Weight	129,572 Da
NCBI Official Full Name	laminin subunit beta-3
NCBI Official Synonym Full Names	laminin subunit beta 3
NCBI Official Symbol	LAMB3
NCBI Official Synonym Symbols	AI1A; LAM5; LAMNB1; BM600-125KDA
NCBI Protein Information	laminin subunit beta-3
UniProt Protein Name	Laminin subunit beta-3
UniProt Gene Name	LAMB3
UniProt Synonym Gene Names	LAMNB1

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.