

Human Laminin 11 ELISA Kit | LN11 elisa kit

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CATALOG #
AAA96787

REACTIVITY
Human

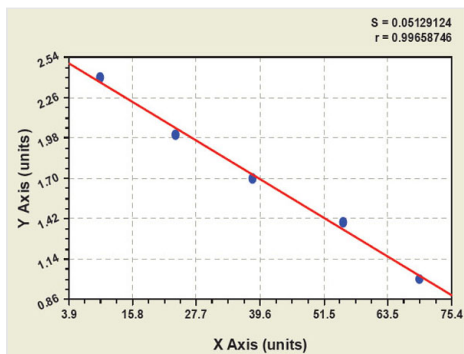
PRODUCT SYNONYMS

Laminin 11; Human Laminin 11 ELISA Kit; LN11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LN11 elisa kit

Principle of the assay: LN11 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LN11 antibody and an LN11-HRP conjugate. The assay sample and buffer are incubated together with LN11-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LN11 concentration since LN11 from samples and LN11-HRP conjugate compete for the anti-LN11 antibody binding site. Since the number of sites is limited, as more sites are occupied by LN11 from the sample, fewer sites are left to bind LN11-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LN11 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145309326
NCBI GeneID	3915
NCBI Accession #	NP_002284.3
NCBI GenBank Nucleotide #	NM_002293.3
Molecular Weight	177,603 Da
NCBI Official Full Name	laminin subunit gamma-1
NCBI Official Synonym Full Names	laminin, gamma 1 (formerly LAMB2)
NCBI Official Symbol	LAMC1
NCBI Official Synonym Symbols	LAMB2
NCBI Protein Information	laminin subunit gamma-1; S-LAM gamma; laminin B2 chain; S-laminin subunit gamma; laminin-2 subunit gamma; laminin-3 subunit gamma; laminin-4 subunit gamma; laminin-6 subunit gamma; laminin-7 subunit gamma; laminin-8 subunit gamma; laminin-9 subunit gamma; laminin-10 subunit gamma; laminin-11 subunit gamma
UniProt Protein Name	Laminin subunit gamma-1
UniProt Gene Name	LAMC1
UniProt Synonym Gene Names	LAMB2; S-LAM gamma
UniProt Entry Name	LAMC1_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://www.aaabiotech.com/ln11-human-elisa-kits/laminin-11/96787>