

Human laminin, alpha 5 ELISA Kit | LAMA5 elisa kit

Human Laminin-5, LN-5 ELISA Kit

CATALOG #
AAA80345

REACTIVITY
Human

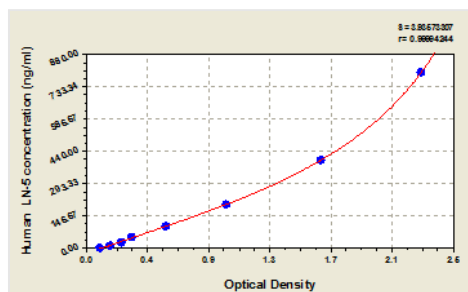
PRODUCT SYNONYMS

laminin; alpha 5; Human Laminin-5; LN-5 ELISA Kit; Human Laminin-5 (LN-5) ELISA Kit; RP11-157P1.6; KIAA1907; laminin alpha 5; laminin alpha-5 chain; LAMA5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human LAMA5. No significant cross-reactivity or interference between Human LAMA5 and analogues was observed.
Sequence Length	3695
Detection Range	12.5 ng/ml-800 ng/ml
Sensitivity	3.12 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cell Adhesion
Protein Biological Process 3	Cell adhesion
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 LAMA5 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LN-5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for LN-5 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain LN-5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of LN-5 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 #	21264602
NCBI GeneID	3911
NCBI Accession #	NP_005551.3
NCBI GenBank Nucleotide #	NM_005560.4
UniProt Accession #	O15230; Q8TDF8; Q8WZA7; Q9H1P1
Molecular Weight	399,737 Da
NCBI Official Full Name	laminin subunit alpha-5
NCBI Official Synonym Full Names	laminin, alpha 5
NCBI Official Symbol	LAMA5
NCBI Protein Information	laminin subunit alpha-5; laminin alpha-5 chain; laminin-10 subunit alpha; laminin-11 subunit alpha; laminin-15 subunit alpha
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.