

Human laminin, alpha 4 ELISA Kit | LAMA4 elisa kit

Human Laminin subunit alpha-4, LAMA4 ELISA Kit

CATALOG #
AAA112354

REACTIVITY
Human

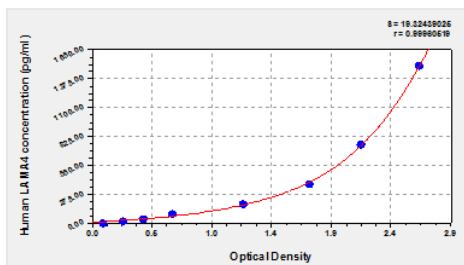
PRODUCT SYNONYMS

laminin; alpha 4; Human Laminin subunit alpha-4; LAMA4 ELISA Kit; Human Laminin subunit alpha-4 (LAMA4) ELISA kit; RP1-142L7.4; DKFZp686D23145; LAMA3; LAMA4*-1; laminin alpha 4 chain; LAMA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human KRT23. No significant cross-reactivity or interference between human KRT23 and analogues was observed.
Sequence Length	1823
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.9 ng/ml-60 ng/ml
Sensitivity	0.23 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 LAMA4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for KRT23 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KRT23 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KRT23 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 KRT23 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 #	380503843
NCBI GeneID	3910
NCBI Accession #	NP_001098676.2
NCBI GenBank Nucleotide #	NM_001105206.2
UniProt Accession #	Q16363; Q14731; Q14735; Q15335; Q4LE44; Q5SZG8; Q9BTB8; Q9UE18; Q9UJN9
Molecular Weight	202,524 Da
NCBI Official Full Name	laminin subunit alpha-4 isoform 1
NCBI Official Synonym Full Names	laminin, alpha 4
NCBI Official Symbol	LAMA4
NCBI Official Synonym Symbols	LAMA3; CMD1JJ; LAMA4*-1
NCBI Protein Information	laminin subunit alpha-4; laminin alpha 4 chain
UniProt Protein Name	Laminin subunit alpha-4
UniProt Gene Name	LAMA4
UniProt Entry Name	LAMA4_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.