

Human legumain ELISA Kit | LGMN elisa kit

Human Legumain, LGMN ELISA Kit

CATALOG #
AAA18266

REACTIVITY
Human

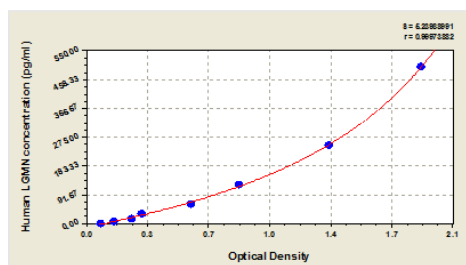
PRODUCT SYNONYMS

legumain; Human Legumain; LGMN ELISA Kit; Human Legumain (LGMN) ELISA kit; AEP; LGMN1; PRSC1; asparaginyl endopeptidase; cysteine protease 1; protease; cysteine; 1 (legumain) ; LGMN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LGMN. No significant cross-reactivity or interference between human LGMN and analogues was observed.
Sequence Length	433
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15.6 pg/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 LGMN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LGMN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LGMN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LGMN 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 LGMN 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 #	56682964
NCBI GeneID	5641
NCBI Accession #	NP_001008530.1
NCBI GenBank Nucleotide #	NM_001008530.2
UniProt Accession #	Q99538; O00123; Q9BTY1
Molecular Weight	49,411 Da
NCBI Official Full Name	legumain preproprotein
NCBI Official Synonym Full Names	legumain
NCBI Official Symbol	LGMN
NCBI Official Synonym Symbols	AEP; LGMN1; PRSC1
NCBI Protein Information	legumain; cysteine protease 1; protease, cysteine 1; asparaginyl endopeptidase; protease, cysteine, 1 (legumain)
UniProt Protein Name	Legumain
UniProt Gene Name	LGMN
UniProt Synonym Gene Names	PRSC1
UniProt Entry Name	LGMN_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://stage.aaabiotech.com/lgmh-human-elisa-kits/legumain/18266>