

Human lumican ELISA Kit | LUM elisa kit

Human lumican, LUM ELISA Kit

CATALOG #
AAA15136

REACTIVITY
Human

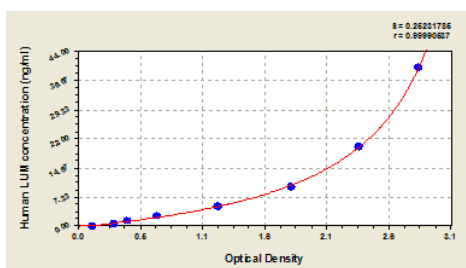
PRODUCT SYNONYMS

lumican; Human lumican; LUM ELISA Kit; LDC; SLRR2D; lumican proteoglycan; LUM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LUM. No significant cross-reactivity or interference between human LUM and analogues was observed.
Sequence Length	338
Samples	Serum, urine, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	< 0.156 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 LUM elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LUM has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LUM present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LUM 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 LUM bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505047
NCBI GeneID	4060
NCBI Accession #	NP_002336.1
NCBI GenBank Nucleotide #	NM_002345.3
UniProt Accession #	P51884; Q96QM7; B2R6R5
Molecular Weight	38,429 Da
NCBI Official Full Name	lumican
NCBI Official Synonym Full Names	lumican
NCBI Official Symbol	LUM
NCBI Official Synonym Symbols	LDC; SLRR2D
NCBI Protein Information	lumican; KSPG lumican; lumican proteoglycan; keratan sulfate proteoglycan lumican
UniProt Protein Name	Lumican
UniProt Gene Name	LUM
UniProt Synonym Gene Names	LDC; SLRR2D; KSPG lumican
UniProt Entry Name	LUM_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/lum-human-elisa-kits/lumican/15136>