

Human Prelamin-A/C ELISA Kit | LMNA elisa kit

Human Prelamin-A/C ELISA Kit

CATALOG #
AAA196150

REACTIVITY
Human

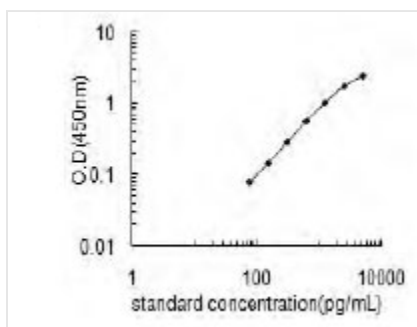
PRODUCT SYNONYMS

Prelamin-A/C; Human Prelamin-A/C ELISA Kit; LMNA; LMN1; LMNA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Prelamin-A/C
Sequence Length	665
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	40.8pg/mL
Intra-assay Precision	Intra-Assay CV: <=7.1%
Inter-assay Precision	Inter-Assay CV: <=9.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LMNA elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	162287370
NCBI GeneID	16905
NCBI Accession #	NP_001002011.2
NCBI GenBank Nucleotide #	NM_001002011.3
Molecular Weight	52,652 Da
NCBI Official Full Name	prelamin-A/C isoform A
NCBI Official Synonym Full Names	lamin A
NCBI Official Symbol	Lmna
NCBI Official Synonym Symbols	Dhe
NCBI Protein Information	prelamin-A/C
UniProt Protein Name	Prelamin-A/C
UniProt Gene Name	Lmna
UniProt Synonym Gene Names	Lmn1
UniProt Entry Name	LMNA_MOUSE

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/lmna-human-elisa-kits/prelamin-a-c/196150>