

Human Late cornified envelope protein 3D ELISA Kit | LCE3D elisa kit

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CATALOG #
AAA98158

REACTIVITY
Human

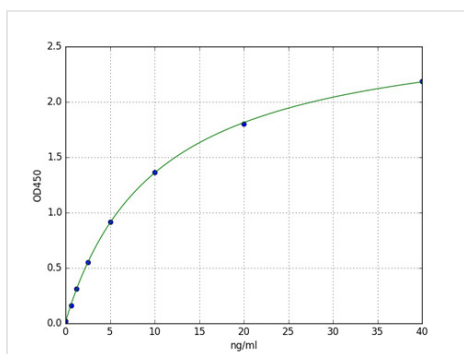
PRODUCT SYNONYMS

Late cornified envelope protein 3D; Human Late cornified envelope protein 3D ELISA Kit; LCE3D/Late cornified envelope protein 3D/Small proline-rich-like epidermal differentiation complex protein 6B/Late envelope protein 16/Small proline-rich-like epidermal differentiation complex protein 6A; LCE3D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	92
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Human LCE3D ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.052	0.115	0.177	0.272	0.483	0.898	1.523	2.076

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LCE3D elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human LCE3D antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human LCE3D antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human LCE3D amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human LCE3D can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14211869
NCBI GeneID	84648
NCBI Accession #	NP_115952.1
NCBI GenBank Nucleotide #	NM_032563.1
Molecular Weight	9,444 Da
NCBI Official Full Name	late cornified envelope protein 3D
NCBI Official Synonym Full Names	late cornified envelope 3D
NCBI Official Symbol	LCE3D
NCBI Official Synonym Symbols	LEP16; SPRL6A; SPRL6B
NCBI Protein Information	late cornified envelope protein 3D
UniProt Protein Name	Late cornified envelope protein 3D
UniProt Gene Name	LCE3D
UniProt Synonym Gene Names	LEP16; SPRL6A; SPRL6B
UniProt Entry Name	LCE3D_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/lce3d-human-elisa-kits/late-cornified-envelope-protein-3d/98158>