

Lens Epithelium Derived Growth Factor (LEDGF) CLIA Kit | LEDGF clia kit

CLIA Kit for Lens Epithelium Derived Growth Factor (LEDGF)

CATALOG #
AAA130034

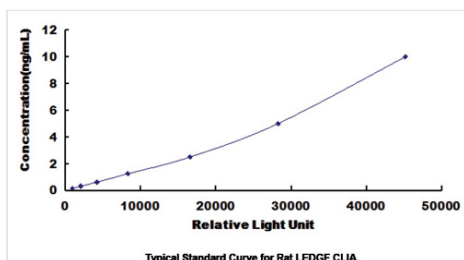
PRODUCT SYNONYMS

Lens Epithelium Derived Growth Factor (LEDGF); CLIA Kit for Lens Epithelium Derived Growth Factor (LEDGF); LEDGF clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Lens Epithelium Derived Growth Factor (LEDGF) No significant cross-reactivity or interference between Lens Epithelium Derived Growth Factor (LEDGF) and analogues was observed.
Sequence Length	530
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.014-10ng/mL The standard curve concentrations used for the ELISA's were 10ng/mL, 3.33ng/mL, 1.11ng/mL, 0.37ng/mL, 0.123ng/mL, 0.041ng/mL, 0.014ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.071ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Lens Epithelium Derived Growth Factor (LEDGF) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Lens Epithelium Derived Growth Factor (LEDGF) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Organism Species	Rattus norvegicus (Rat)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEDGF clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Lens Epithelium Derived Growth Factor (LEDGF) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3283352
NCBI GeneID	11168
UniProt Accession #	O75475; O00256; O95368; Q6P391; Q86YB9; Q9NZI3; Q9UER6; D3DRI9
Molecular Weight	60,103 Da
NCBI Official Full Name	lens epithelium-derived growth factor
NCBI Official Synonym Full Names	PC4 and SFRS1 interacting protein 1
NCBI Official Symbol	PSIP1
NCBI Official Synonym Symbols	p52; p75; PAIP; DFS70; LEDGF; PSIP2
NCBI Protein Information	PC4 and SFRS1-interacting protein; DFS 70; CLL-associated antigen KW-7; dense fine speckles 70 kDa protein; transcriptional coactivator p52/p75; transcriptional coactivator p75/p52; lens epithelium-derived growth factor
UniProt Protein Name	PC4 and SFRS1-interacting protein
UniProt Gene Name	PSIP1
UniProt Synonym Gene Names	DFS70; LEDGF; PSIP2; DFS 70
UniProt Entry Name	PSIP1_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/clia-kits/lens-epithelium-derived-growth-factor-ledgf/130034>