

Human Filaggrin (FLG) CLIA Kit | FLG clia kit

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CATALOG # AAA189121	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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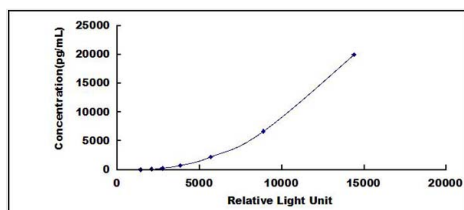
PRODUCT SYNONYMS

Filaggrin (FLG); Human Filaggrin (FLG) CLIA Kit; Filaggrin; Profilaggrin; FLG clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Filaggrin (FLG). No significant cross-reactivity or interference between Filaggrin (FLG) and analogues was observed.
Sequence Length	452
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	27.4-20,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 9.5pg/mL
Applicable Applications for FLG clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Filaggrin (FLG) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Filaggrin (FLG) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Filaggrin (FLG). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Filaggrin (FLG). 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 Filaggrin (FLG) level in the sample or standard.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7110593
NCBI GeneID	2313
NCBI Accession #	NP_002008
NCBI GenBank Nucleotide #	NP_002008.2
UniProt Accession #	P20930; Q01543
NCBI Official Full Name	Friend leukemia integration 1 transcription factor isoform 1
NCBI Official Synonym Full Names	Fli-1 proto-oncogene, ETS transcription factor
NCBI Official Symbol	FLI1
NCBI Official Synonym Symbols	EWSR2; SIC-1; BDPLT21
NCBI Protein Information	Friend leukemia integration 1 transcription factor
UniProt Protein Name	Friend leukemia integration 1 transcription factor
UniProt Gene Name	FLI1
UniProt Entry Name	FLI1_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/human-clia-kits/filaggrin-flg/189121>