

Human Filaggrin (FLG) ELISA Kit | FLG elisa kit

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CATALOG #
AAA42150

REACTIVITY
Human

PRODUCT SYNONYMS

Filaggrin (FLG); Human Filaggrin (FLG) ELISA Kit; FLG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	4061
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.21ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLG elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Filaggrin (also known as FLG) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human FLG antibody. FLG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human FLG Antibody is added and binds to FLG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated FLG antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human FLG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	60097902
NCBI GeneID	2312
NCBI Accession #	NP_002007.1
NCBI GenBank Nucleotide #	NM_002016.1
UniProt Accession #	P20930; Q01720; Q5T583; Q9UC71
Molecular Weight	435,170 Da
NCBI Official Full Name	filaggrin
NCBI Official Synonym Full Names	filaggrin
NCBI Official Symbol	FLG
NCBI Official Synonym Symbols	ATOD2
NCBI Protein Information	filaggrin
UniProt Protein Name	Filaggrin
UniProt Gene Name	FLG

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-elisa-kits/filaggrin-flg/42150>