

Human Filaggrin ELISA Kit | FLG elisa kit

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CATALOG #
AAA190762

REACTIVITY
Human

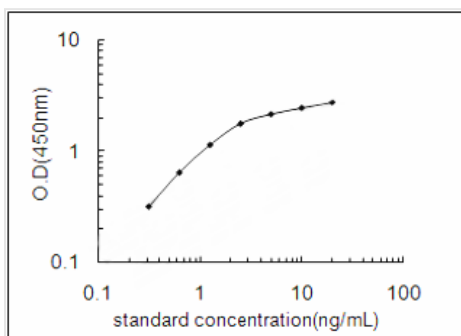
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Filaggrin. No significant cross-reactivity or interference was observed.
Sequence Length	4061
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.124 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=8.9%
Recovery	95%
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 FLG elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Filaggrin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Filaggrin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Filaggrin and 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 Filaggrin, 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 Filaggrin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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
UniProt Entry Name	FILA_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.