

Human filaggrin ELISA Kit | FLG elisa kit

Human Filaggrin, FLG ELISA Kit

CATALOG #
AAA18376

REACTIVITY
Human

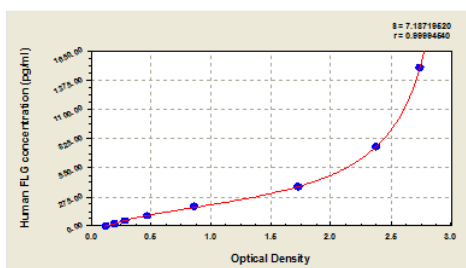
PRODUCT SYNONYMS

filaggrin; Human Filaggrin; FLG ELISA Kit; Human Filaggrin (FLG) ELISA kit; ATOD2; epidermal filaggrin; FLG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human FLG. No significant cross-reactivity or interference between human FLG and analogues was observed.
Sequence Length	4,061
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	23.5 pg/ml-1500 pg/ml
Sensitivity	< 5.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLG elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FLG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FLG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FLG is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FLG bound in the initial step. The color development is stopped and the intensity of the color is measured.

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; epidermal 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.

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Online datasheet: <https://stage.aaabiotech.com/flg-human-elisa-kits/filaggrin/18376>