

Mouse filaggrin ELISA Kit | FLG elisa kit

Mouse Filaggrin, FLG ELISA Kit

CATALOG #
AAA112955

REACTIVITY
Mouse

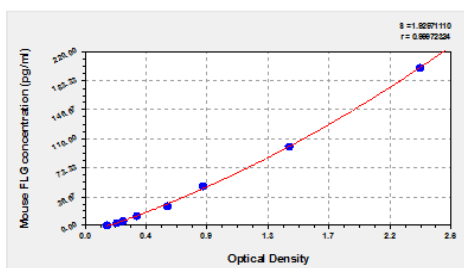
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse FLG. No significant cross-reactivity or interference between mouse FLG and analogues was observed.
Sequence Length	336
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	3.12 pg/ml-200 pg/ml.
Sensitivity	The minimum detectable dose of mouse FLG is typically less than 0.78 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	120164
UniProt Accession #	P11088
Molecular Weight	35,678 Da
NCBI Official Full Name	Filaggrin, partial
UniProt Protein Name	Filaggrin
UniProt Gene Name	Flg
UniProt Entry Name	FILA_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/flg-mouse-elisa-kits/filaggrin/112955>