

## Human Filaggrin ELISA Kit | Filaggrin elisa kit

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CATALOG #  
**AAA27355**

REACTIVITY  
**Human**

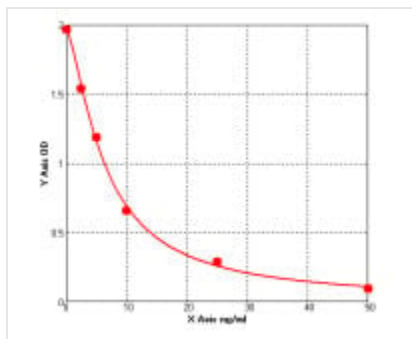
### PRODUCT SYNONYMS

Filaggrin; Human Filaggrin ELISA Kit; Filaggrin elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of FLG. No significant cross-reactivity or interference between FLG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FLG and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Sensitivity             | 0.1 ng/mL                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Filaggrin elisa kit | <p>Principle of the Assay: FLG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FLG antibody and an FLG-HRP conjugate. The assay sample and buffer are incubated together with FLG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FLG concentration since FLG from samples and FLG-HRP conjugate compete for the anti-FLG antibody binding site. Since the number of sites is limited, as more sites are occupied by FLG from the sample, fewer sites are left to bind FLG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FLG concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This FLG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FLG. This ELISA kit for research use only, not for therapeutic or diagnostic applications!</p> |
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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                    |
| 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/human-elisa-kits/filaggrin/27355>