

Bovine Filaggrin ELISA Kit | Filaggrin elisa kit

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CATALOG #
AAA245023

REACTIVITY
Bovine

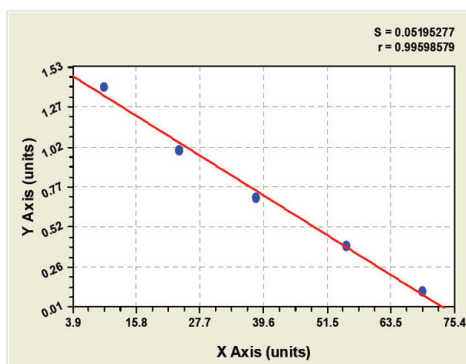
PRODUCT SYNONYMS

Filaggrin; Bovine Filaggrin ELISA Kit; Filaggrin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This FLG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FLG. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Filaggrin elisa kit

Principle of the assay: FLG ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

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/bovine-ovine-elisa-kits/filaggrin/245023>