

Canine Filaggrin ELISA Kit | Filaggrin elisa kit

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CATALOG #
AAA245754

REACTIVITY
Canine

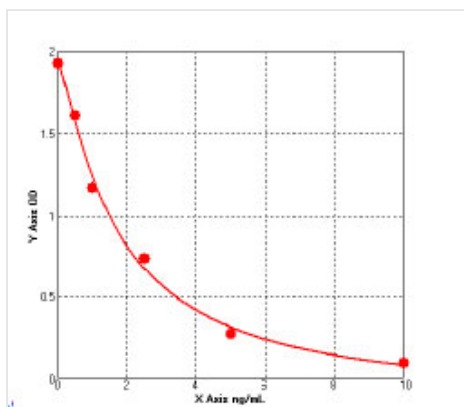
PRODUCT SYNONYMS

Filaggrin; Canine Filaggrin ELISA Kit; Filaggrin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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

Intended Uses: This FGF-7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine FGF-7. This ELISA kit for research use only!

Principle of the Assay: FGF-7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FGF-7 antibody and an FGF-7-HRP conjugate. The assay sample and buffer are incubated together with FGF-7-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 FGF-7 concentration since FGF-7 from samples and FGF-7-HRP conjugate compete for the anti-FGF-7 antibody binding site. Since the number of sites is limited, as more sites are occupied by FGF-7 from the sample, fewer sites are left to bind FGF-7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGF-7 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/canine-elisa-kits/filaggrin/245754>