

Sheep Fibroblast Growth Factor 7 ELISA Kit | FGF7 elisa kit

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CATALOG #
AAA88316

REACTIVITY
Sheep

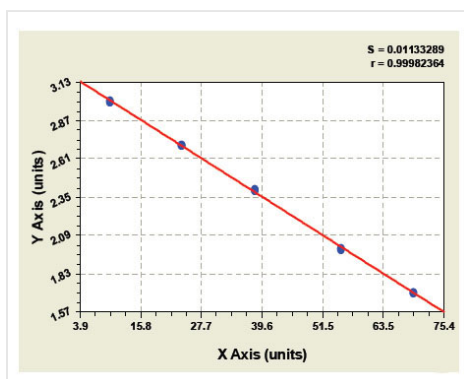
PRODUCT SYNONYMS

Fibroblast Growth Factor 7; Sheep Fibroblast Growth Factor 7 ELISA Kit; FGF7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This FGF7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep FGF7. 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 FGF7 elisa kit

Principle of the Assay: FGF7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FGF7 antibody and an FGF7-HRP conjugate. The assay sample and buffer are incubated together with FGF7-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 FGF7 concentration since FGF7 from samples and FGF7-HRP conjugate compete for the anti-FGF7 antibody binding site. Since the number of sites is limited, as more sites are occupied by FGF7 from the sample, fewer sites are left to bind FGF7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGF7 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FGF7 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456957
NCBI GeneID	2252
UniProt Accession #	Q6FGV5; Q96FG5; H0YNY5; P21781
Molecular Weight	11,520 Da
NCBI Official Full Name	FGF7, partial
NCBI Official Synonym Full Names	fibroblast growth factor 7
NCBI Official Symbol	FGF7
NCBI Official Synonym Symbols	KGF; HBGF-7
NCBI Protein Information	fibroblast growth factor 7; FGF-7; keratinocyte growth factor; heparin-binding growth factor 7
UniProt Protein Name	Fibroblast growth factor 7
UniProt Gene Name	FGF7
UniProt Synonym Gene Names	KGF; FGF-7; HBGF-7
UniProt Entry Name	FGF7_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/fgf7-sheep-elisa-kits/fibroblast-growth-factor-7/88316>