

Goat Fibroblast Growth Factor 9 ELISA Kit | FGF9 elisa kit

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CATALOG #
AAA90886

REACTIVITY
Goat

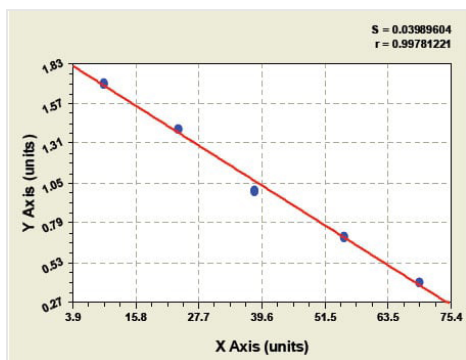
PRODUCT SYNONYMS

Fibroblast Growth Factor 9; Goat Fibroblast Growth Factor 9 ELISA Kit; FGF9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 FGF9 elisa kit

Intended Uses: This FGF9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat FGF9. This ELISA kit for research use only!

Principle of the Assay: FGF9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FGF9 antibody and an FGF9-HRP conjugate. The assay sample and buffer are incubated together with FGF9-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 FGF9 concentration since FGF9 from samples and FGF9-HRP conjugate compete for the anti-FGF9 antibody binding site. Since the number of sites is limited, as more sites are occupied by FGF9 from the sample, fewer sites are left to bind FGF9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGF9 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FGF9 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	391719
NCBI GeneID	2254
Molecular Weight	23,441 Da
NCBI Official Full Name	fibroblast growth factor 9
NCBI Official Synonym Full Names	fibroblast growth factor 9
NCBI Official Symbol	FGF9
NCBI Official Synonym Symbols	GAF; FGF-9; SYNS3; HBFG-9; HBGF-9
NCBI Protein Information	fibroblast growth factor 9; heparin-binding growth factor 9; fibroblast growth factor 9 (glia-activating factor)
UniProt Protein Name	Fibroblast growth factor 9
UniProt Gene Name	FGF9
UniProt Synonym Gene Names	FGF-9; GAF; HBGF-9
UniProt Entry Name	FGF9_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fgf9-goat-elisa-kits/fibroblast-growth-factor-9/90886>