

Mouse Fibroblast Growth Factor 7 ELISA Kit | FGF7 elisa kit

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CATALOG #
AAA82452

REACTIVITY
Mouse

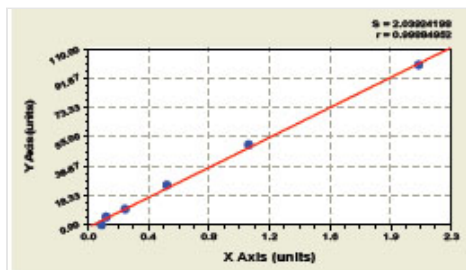
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for FGF7 elisa kit

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

Principle of the Assay: FGF-7 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FGF-7. Standards or samples are then added to the microtiter plate wells and FGF-7 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FGF-7 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FGF-7 are added to each well to "sandwich" the FGF-7 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FGF-7 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

Product Categories/Family for FGF7 elisa kit

[Immunology](#)

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-mouse-elisa-kits/fibroblast-growth-factor-7/82452>