

Human Fibroblast Growth Factor beta1 ELISA Kit | FGF-beta1 elisa kit

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CATALOG #
AAA247166

REACTIVITY
Human

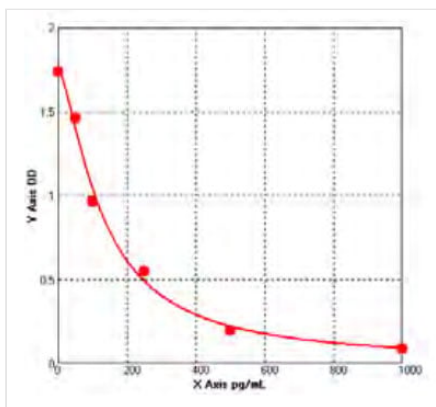
PRODUCT SYNONYMS

Fibroblast Growth Factor beta1; Human Fibroblast Growth Factor beta1 ELISA Kit; FGF-beta1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FGFB1. No significant cross-reactivity or interference between FGFB1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FGFB1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF-beta1 elisa kit	Principle of the Assay: FGFB1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FGFB1 antibody and an FGFB1-HRP conjugate. The assay sample and buffer are incubated together with FGFB1-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 FGFB1 concentration since FGFB1 from samples and FGFB1-HRP conjugate compete for the anti-FGFB1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FGFB1 from the sample, fewer sites are left to bind FGFB1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGFB1 concentration in each sample is interpolated from this standard curve. Intended Uses: This FGFB1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FGFB1. This ELISA kit for research use only, not for therapeutic or test applications!
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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/fgf-beta1-human-elisa-kits/fibroblast-growth-factor-beta1/247166>