

Rat Basic fibroblast growth factor 6 ELISA Kit | bFGF 6 elisa kit

Rat Basic fibroblast growth factor 6 ELISA Kit

CATALOG #
AAA81892

REACTIVITY
Rat

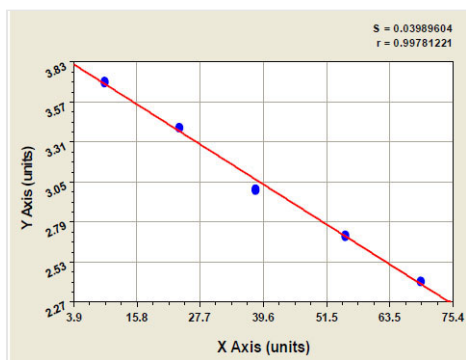
PRODUCT SYNONYMS

Basic fibroblast growth factor 6; Rat Basic fibroblast growth factor 6 ELISA Kit; bFGF 6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50--1000pg/mL
Sensitivity	1.0pg/ml
Intended Uses	This bFGF6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat bFGF6. 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 bFGF 6 elisa kit

Principle of the assay: bFGF6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-bFGF6 antibody and an bFGF6-HRP conjugate. The assay sample and buffer are incubated together with bFGF6-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 bFGF6 concentration since bFGF6 from samples and bFGF6-HRP conjugate compete for the anti-bFGF6 antibody binding site. Since the number of sites is limited, as more sites are occupied by bFGF6 from the sample, fewer sites are left to bind bFGF6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The bFGF6 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13661549
NCBI GeneID	574136
Molecular Weight	12,633 Da
NCBI Official Full Name	basic fibroblast growth factor, partial
NCBI Official Symbol	FGF2
NCBI Protein Information	fibroblast growth factor 2; fibroblast growth factor 2 (basic); basic fibroblast growth factor
UniProt Protein Name	Fibroblast growth factor
UniProt Gene Name	FGF
UniProt Synonym Gene Names	FGF
UniProt Entry Name	Q9BDX1_MACMU

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.