

Rat Fibroblast Growth Factor-10 ELISA Kit | FGF-10 elisa kit

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CATALOG #
AAA98514

REACTIVITY
Rat

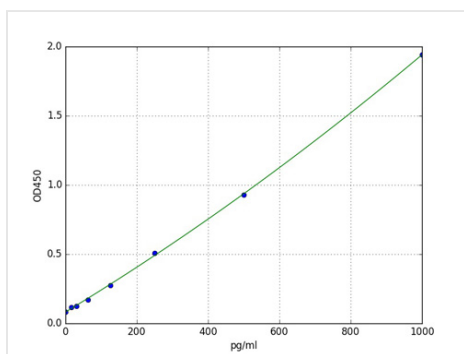
PRODUCT SYNONYMS

Fibroblast Growth Factor-10; Rat Fibroblast Growth Factor-10 ELISA Kit; FGF10 (Fibroblast growth factor 10)/KGF-2/FGF-10/fibroblast growth factor 10/Keratinocyte growth factor 2/produced by fibroblasts of urinary bladder lamina propria; FGF-10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	208
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat FGF-10 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.074	0.117	0.126	0.162	0.232	0.485	0.965	2.121

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF-10 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat FGF-10 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat FGF-10 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat FGF-10 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat FGF-10 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758360
NCBI GeneID	2255
NCBI Accession #	NP_004456.1
NCBI GenBank Nucleotide #	NM_004465.1
Molecular Weight	23,436 Da
NCBI Official Full Name	fibroblast growth factor 10
NCBI Official Synonym Full Names	fibroblast growth factor 10
NCBI Official Symbol	FGF10
NCBI Protein Information	fibroblast growth factor 10
UniProt Protein Name	Fibroblast growth factor 10
UniProt Gene Name	FGF10
UniProt Synonym Gene Names	FGF-10
UniProt Entry Name	FGF10_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/fgf-10-rat-elisa-kits/fibroblast-growth-factor-10/98514>