

Rat FGF21 ELISA Kit | FGF21 elisa kit

Rat FGF21 PicoKine ELISA Kit

CATALOG #
AAA124985

REACTIVITY
Rat

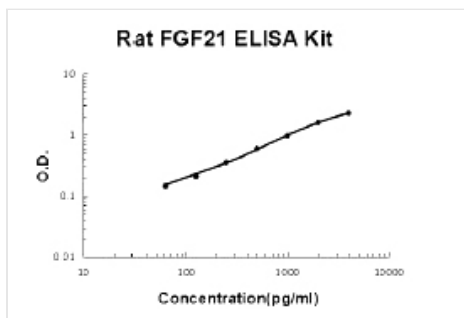
PRODUCT SYNONYMS

FGF21; Rat FGF21 PicoKine ELISA Kit; Rat FGF21; FGF21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat EPO
Sequence Length	209
Samples	Cell Culture Supernates, Serum And Plasma(Heparin)
Detection Range	46.9pg/ml-3000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF21 elisa kit	Principle of the Assay: The Picokine Rat EPO Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat EPO with a 96-well strip plate that is pre-coated with antibody specific for EPO. The detection antibody is a biotinylated antibody specific for EPO. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Rat EPO with immunogen: Expression sy system for standard: E.coli; Immunogen sequence: T44-K226. The kit is analytically validated with ready to use reagents. To measure Rat EPO, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Rat EPO in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Rat EPO in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9506597
NCBI GeneID	26291
NCBI Accession #	NP_061986.1
NCBI GenBank Nucleotide #	NM_019113.3
UniProt Accession #	Q9NSA1
NCBI Official Full Name	fibroblast growth factor 21
NCBI Official Synonym Full Names	fibroblast growth factor 21
NCBI Official Symbol	FGF21
NCBI Protein Information	fibroblast growth factor 21

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://www.aaabiotech.com/rat-elisa-kits/fgf21/124985>