

Human FGF2 ELISA Kit | FGF2 elisa kit

Human FGF2 PicoKine ELISA Kit

CATALOG #
AAA124970

REACTIVITY
Human

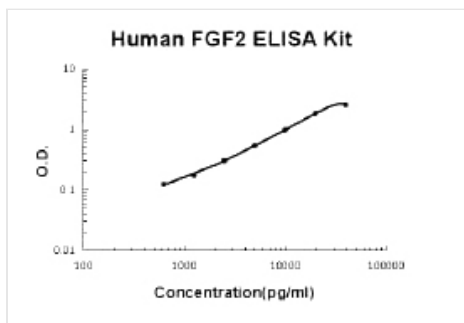
PRODUCT SYNONYMS

FGF2; Human FGF2 PicoKine ELISA Kit; Human FGF2; FGF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human FGF2
Sequence Length	155
Samples	Cell Culture Supernates, Serum, Plasma(Heparin, Edta) And Cell Lysates
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 accross 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 FGF2 elisa kit	Principle of the Assay: The Picokine Human FABP4 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human FABP4 with a 96-well strip plate that is pre-coated with antibody specific for FABP4. The detection antibody is a biotinylated antibody specific for FABP4. The kit contains recombinant Human FABP4 with immunogen: Expression system for standard: E.coli; Immunogen sequence: M1-A132. The kit is analytically validated with ready to use reagents. To measure Human FABP4, 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 propotional to Human FABP4 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 Human FABP4 in the sample!!Background/Introduction: FABP4, also known as aP2 (adipocyte Protein 2), encodes the fatty acid binding protein found in adipocytes. The FABP4 gene is mapped to 8q21. FABP4 functions as a cytosolic lipid chaperone in macrophages and is involved in regulating macrophage endoplasmic reticulum (ER) stress. Additionally, FABP4 protein is expressed in HBEs and is strongly upregulated by both IL4 and IL13 and downregulated by IFN-gamma, suggesting a role in allergic airway inflammation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1371565425
NCBI GeneID	2247
NCBI Accession #	NP_001348594.1
NCBI GenBank Nucleotide #	NM_001361665.1
NCBI Official Full Name	fibroblast growth factor 2 isoform 18 kDa
NCBI Official Synonym Full Names	fibroblast growth factor 2
NCBI Official Symbol	FGF2
NCBI Official Synonym Symbols	BFGF; FGFB; FGF-2; HBGF-2
NCBI Protein Information	fibroblast growth factor 2

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://www.aaabiotech.com/human-elisa-kits/fgf2/124970>