FN1 (Human) ELISA Kit

Catalog # KA3039 Size 1 Kit

Specification

Product Description	FN1 (Human) ELISA Kit is intended for the quantitative measurement of human FN1.
Suitable Sample	Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, or at -20°C for 12 months.

Applications

- Quantification

Gene Info — FN1

Entrez GeneID	2335
Gene Name	FN1
Gene Alias	CIG, DKFZp686F10164, DKFZp686H0342, DKFZp686I1370, DKFZp686O13149, ED-B, FINC, FN, FNZ, GFND, GFND2, LETS, MSF

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Gene Description	fibronectin 1
Omim ID	135600
Gene Ontology	Hyperlink
Gene Summary	This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants. However, the full-length nature of some variants has not been determined. [provided by RefSeq
Other Designations	cold-insoluble globulin|migration-stimulating factor

Publication Reference

- iTRAQ-based proteomic analysis reveals potential regulatory networks in dust mite-related asthma treated with subcutaneous allergen immunotherapy.

  Jun Bai, Jia-Yong Zhong, Wang Liao, Ruo Hu, Liang Chen, Xian-Jin Wu, Shuang-Ping Liu.

  Molecular MedicineRreports 2020 Nov; 22(5):3607.

  Application: Quant, Human, Human serum

Pathway

- ECM-receptor interaction
- Focal adhesion
- Pathways in cancer
- Regulation of actin cytoskeleton
- Small cell lung cancer

Disease

- Atherosclerosis
- Breast cancer
- Breast Neoplasms

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- Carcinoma
- Cardiovascular Diseases
- Chorioamnionitis
- Cleft Lip
- Cleft Palate
- Coronary Disease
- Cryoglobulinemia
- Diabetes Mellitus
- Edema
- Fetal Membranes
- Genetic Predisposition to Disease
- Hepatitis C
- Kidney Failure
- Lung Neoplasms
- Lymphoma
- Nephrolithiasis
- Obstetric Labor
- Ovarian Neoplasms
- Pre-Eclampsia
- Premature Birth
- Pulmonary Disease
- Schizophrenia
- Thyroid Neoplasms

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