

Human fFN (fetal Fibronectin) ELISA Kit | fFN elisa kit

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CATALOG #
AAA27537

REACTIVITY
Human

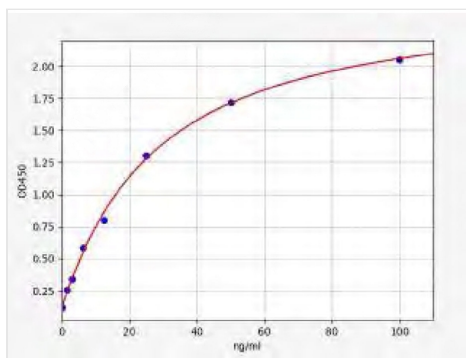
PRODUCT SYNONYMS

fFN (fetal Fibronectin); Human fFN (fetal Fibronectin) ELISA Kit; fFN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize fFN, no obvious cross reaction with other analogues
Sequence Length	2,330
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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)

ADDITIONAL INFORMATION

Related Product Information for fFN elisa kit	Background: Fetal fibronectin (fFN) is a protein that helps keep the amniotic sac attached to the lining of uterus during pregnancy. Fetal fibronectin acts like an adhesive that helps the amniotic sac stick to the wall of your uterus. Fetal fibronectin can leak into vagina if this connection breaks. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti fFN antibody was precoated onto the 96-well plate. The biotin conjugated anti fFN antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with fFN conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of fFN in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	P02751-16; O95609; O95610; Q14312; Q14325; Q14326; Q17RV7; Q564H7; Q585T2; B7ZLF0; E9PE77; E9PG29
Molecular Weight	256,502 Da
UniProt Protein Name	Fibronectin
UniProt Gene Name	FN1
UniProt Synonym Gene Names	FN; FN; CIG

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://stage.aaabiotech.com/human-elisa-kits/ffn-fetal-fibronectin/27537>