

Human fibronectin type III domain containing 5 ELISA Kit | FNDC5 elisa kit

Human Fibronectin type III domain-containing protein 5, FNDC5 ELISA Kit

CATALOG #
AAA112693

REACTIVITY
Human

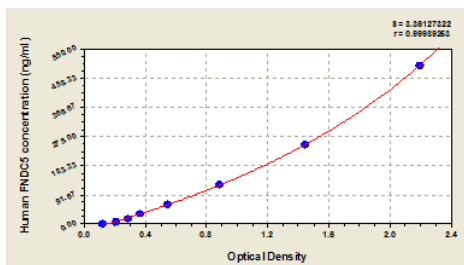
PRODUCT SYNONYMS

fibronectin type III domain containing 5; Human Fibronectin type III domain-containing protein 5; FNDC5 ELISA Kit; Human Fibronectin type III domain-containing protein 5 (FNDC5) ELISA kit; FRCP2; ; FNDC5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human FNDC5. No significant cross-reactivity or interference between human FNDC5 and analogues was observed.
Sequence Length	181
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	7.8 ng/ml -500 ng/ml
Sensitivity	Typically less than 0.95 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FNDC5 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FNDC5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FNDC5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FNDC5 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FNDC5 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	511093995
NCBI GeneID	252995
NCBI Accession #	NP_001165411.2
NCBI GenBank Nucleotide #	NM_001171940.1
UniProt Accession #	Q8NAU1; Q6P6D9; Q7Z676; A6NMC9; D3DPQ6
Molecular Weight	23,659 Da
NCBI Official Full Name	fibronectin type III domain-containing protein 5 isoform 3 preproprotein
NCBI Official Synonym Full Names	fibronectin type III domain containing 5
NCBI Official Symbol	FNDC5
NCBI Official Synonym Symbols	FRCP2; irisin
NCBI Protein Information	fibronectin type III domain-containing protein 5; fibronectin type III repeat-containing protein 2
UniProt Protein Name	Fibronectin type III domain-containing protein 5
UniProt Gene Name	FNDC5
UniProt Synonym Gene Names	FRCP2
UniProt Entry Name	FNDC5_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/fndc5-human-elisa-kits/fibronectin-type-iii-domain-containing-5/112693>