

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

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

CATALOG #
AAA18010

REACTIVITY
Mouse

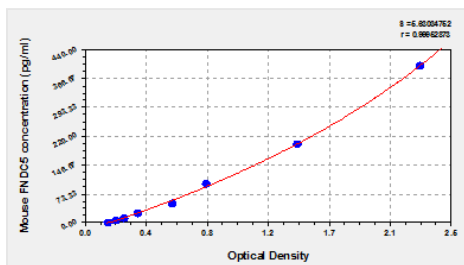
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse FNDC5. No significant cross-reactivity or interference between mouse FNDC5 and analogues was observed.
Sequence Length	209
Samples	Serum, plasma and tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	6.25 pg/ml -400 pg/ml
Sensitivity	Typically less than 1.56 pg/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 #	47059145
NCBI GeneID	384061
NCBI Accession #	NP_081678.1
NCBI GenBank Nucleotide #	NM_027402.3
UniProt Accession #	Q8K4Z2; Q9DB97
Molecular Weight	23,321 Da
NCBI Official Full Name	fibronectin type III domain-containing protein 5
NCBI Official Synonym Full Names	fibronectin type III domain containing 5
NCBI Official Symbol	Fndc5
NCBI Official Synonym Symbols	PeP; Pxp; C87088; AI836596; 1500001L03Rik
NCBI Protein Information	fibronectin type III domain-containing protein 5; peroxisomal protein; 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; Pep; PeP
UniProt Entry Name	FNDC5_MOUSE

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-mouse-elisa-kits/fibronectin-type-iii-domain-containing-5/18010>