

Mouse Fibronectin type III domain-containing protein 5 ELISA Kit | Fndc5 elisa kit

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CATALOG #
AAA100732

REACTIVITY
Mouse

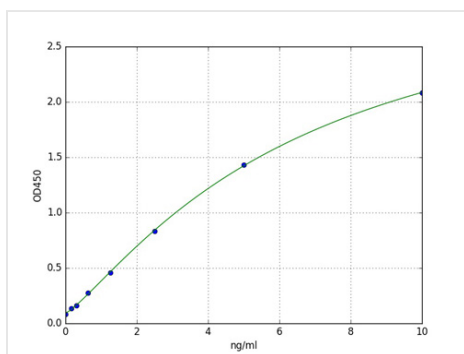
PRODUCT SYNONYMS

Fibronectin type III domain-containing protein 5; Mouse Fibronectin type III domain-containing protein 5 ELISA Kit; Fndc5/FNDC5/FRCP2/fibronectin type III domain containing 5/fibronectin type III domain-containing protein 5/FRCP2Fibronectin type III repeat-containing protein 2; Fndc5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	209
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Fndc5 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.011	0.090	0.204	0.426	0.499	1.078	1.709	2.138

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Fndc5 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Fndc5 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Fndc5 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Fndc5 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Fndc5 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47059145
NCBI GeneID	384061
NCBI Accession #	NP_081678.1
NCBI GenBank Nucleotide #	NM_027402.3
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
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-protein-5/100732>