

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

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

CATALOG #
AAA112461

REACTIVITY
Rat

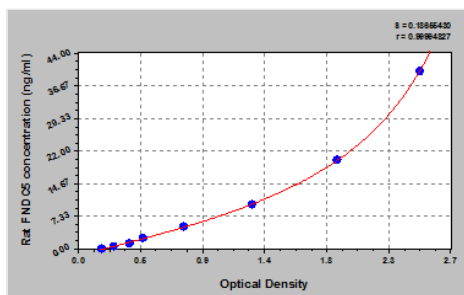
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat FNDC5. No significant cross-reactivity or interference between Rat FNDC5 and analogues was observed.
Sequence Length	209
Samples	Serum, plasma, tissue homogenates
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FNDC5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for FNDC5 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain FNDC5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of FNDC5 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	401664562
NCBI GeneID	260327
NCBI Accession #	NP_001257910.1
NCBI GenBank Nucleotide #	NM_001270981.1
UniProt Accession #	Q8K3V5
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 Protein Information	fibronectin type III domain-containing protein 5; peroxisomal protein
UniProt Protein Name	Fibronectin type III domain-containing protein 5
UniProt Gene Name	Fndc5
UniProt Entry Name	FNDC5_RAT

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-rat-elisa-kits/fibronectin-type-iii-domain-containing-5/112461>