

Bovine Fibronectin Type III Domain Containing Protein 5 (FNDC5) ELISA Kit

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CATALOG #
AAA246746

REACTIVITY
Bovine

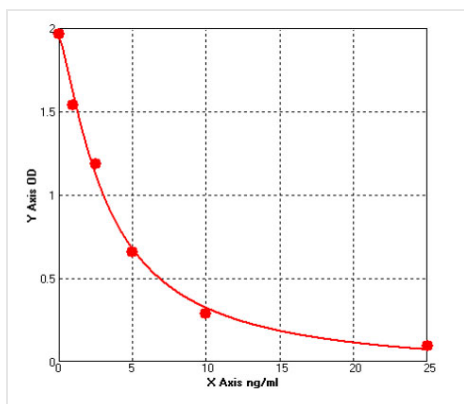
PRODUCT SYNONYMS

Fibronectin Type III Domain Containing Protein 5 (FNDC5); Bovine Fibronectin Type III Domain Containing Protein 5 (FNDC5) ELISA Kit; Fibronectin Type III Domain Containing Protein 5 (FNDC5) elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of FNDC5. No significant cross-reactivity or interference between FNDC5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FNDC5 and all the analogues, therefore, cross reaction may still exist in some cases. cross-reactivity detection between FNDC5 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Fibronectin Type III Domain Containing Protein 5 (FNDC5) elisa kit	Principle of the Assay: FNDC5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FNDC5 antibody and an FNDC5-HRP conjugate. The assay sample and buffer are incubated together with FNDC5-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FNDC5 concentration since FNDC5 from samples and FNDC5-HRP conjugate compete for the anti-FNDC5 antibody binding site. Since the number of sites is limited, as more sites are occupied by FNDC5 from the sample, fewer sites are left to bind FNDC5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FNDC5 concentration in each sample is interpolated from this standard curve. Intended Uses: This FNDC5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FNDC5. This ELISA kit for research use only, not for therapeutic or test applications!
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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/bovine-ovine-elisa-kits/fibronectin-type-iii-domain-containing-protein-5-fndc5/246746>