

Bovine Vascular Endothelial Growth Factor D ELISA Kit | VEGF-D elisa kit

Bovine Vascular Endothelial Growth Factor D ELISA Kit

CATALOG # AAA93694	REACTIVITY Bovine
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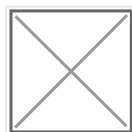
PRODUCT SYNONYMS

Vascular Endothelial Growth Factor D; Bovine Vascular Endothelial Growth Factor D ELISA Kit; VEGF-D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF-D elisa kit	Principle of the Assay: VEGFD ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VEGFD antibody and an VEGFD-HRP conjugate. The assay sample and buffer are incubated together with VEGFD-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 VEGFD concentration since VEGFD from samples and VEGFD-HRP conjugate compete for the anti-VEGFD antibody binding site. Since the number of sites is limited, as more sites are occupied by VEGFD from the sample, fewer sites are left to bind VEGFD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VEGFD concentration in each sample is interpolated from this standard curve.
Product Categories/Family for VEGF-D elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758378
NCBI GeneID	2277
NCBI Accession #	NP_004460.1

NCBI GenBank Nucleotide #	NM_004469.4
Molecular Weight	40,444 Da
NCBI Official Full Name	vascular endothelial growth factor D preproprotein
NCBI Official Synonym Full Names	c-fos induced growth factor (vascular endothelial growth factor D)
NCBI Official Symbol	FIGF
NCBI Official Synonym Symbols	VEGFD; VEGF-D
NCBI Protein Information	vascular endothelial growth factor D
UniProt Protein Name	Vascular endothelial growth factor D
UniProt Gene Name	FIGF
UniProt Synonym Gene Names	VEGFD; VEGF-D; FIGF
UniProt Entry Name	VEGFD_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/vegf-d-bovine-ovine-elisa-kits/vascular-endothelial-growth-factor-d/93694>