

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

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CATALOG #
AAA90538

REACTIVITY
Bovine

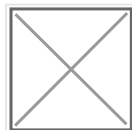
PRODUCT SYNONYMS

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

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This VEGF-C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine VEGF-C. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY VEGF-C ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VEGF-C antibody and an VEGF-C-HRP conjugate. The assay sample and buffer are incubated together with VEGF-C-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 VEGF-C concentration since VEGF-C from samples and VEGF-C-HRP conjugate compete for the anti-VEGF-C antibody binding site. Since the number of sites is limited, as more sites are occupied by VEGF-C from the sample, fewer sites are left to bind VEGF-C-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VEGF-C concentration in each sample is interpolated from this standard curve.

Product Categories/Family for VEGF-C elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885653
NCBI GeneID	7424
NCBI Accession #	NP_005420.1
NCBI GenBank Nucleotide #	NM_005429.4
Molecular Weight	46,883 Da
NCBI Official Full Name	vascular endothelial growth factor C preproprotein
NCBI Official Synonym Full Names	vascular endothelial growth factor C
NCBI Official Symbol	VEGFC
NCBI Official Synonym Symbols	VRP; Flt4-L; LMPH1D
NCBI Protein Information	vascular endothelial growth factor C; FLT4 ligand DHM; vascular endothelial growth factor-related protein
UniProt Protein Name	Vascular endothelial growth factor C
UniProt Gene Name	VEGFC
UniProt Synonym Gene Names	VEGF-C; Flt4-L; VRP
UniProt Entry Name	VEGFC_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-c-bovine-ovine-elisa-kits/vascular-endothelial-growth-factor-c/90538>