

Bovine vascular endothelial growth factor A ELISA Kit | VEGFA elisa kit

Bovine Vascular endothelial growth factor A, VEGFA ELISA Kit

CATALOG #
AAA112870

REACTIVITY
Bovine

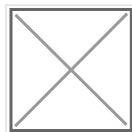
PRODUCT SYNONYMS

vascular endothelial growth factor A; Bovine Vascular endothelial growth factor A; VEGFA ELISA Kit; Bovine Vascular endothelial growth factor A (VEGFA) ELISA kit; RP1-261G23.1; MGC70609; MVCD1; VEGF; VEGF-A; VPF; vascular endothelial growth factor isoform VEGF165; vascular permeability factor; VEGFA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine VEGFA. No significant cross-reactivity or interference between bovine VEGFA and analogues was observed.
Sequence Length	190
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	47 pg/ml -3000 pg/ml.
Sensitivity	11.75 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 VEGFA elisa kit

Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for VEGFA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VEGFA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VEGFA is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of VEGFA bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806357
NCBI GeneID	281572
NCBI Accession #	NP_776641.1
NCBI GenBank Nucleotide #	NM_174216.1
UniProt Accession #	P15691
Molecular Weight	22,310 Da
NCBI Official Full Name	vascular endothelial growth factor A
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VPF; VEGF; VEGF-A; eVEGF120; eVEGF164
NCBI Protein Information	vascular endothelial growth factor A; vascular permeability factor; vascular endothelial growth factor 164
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF
UniProt Entry Name	VEGFA_BOVIN

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/vegfa-bovine-ovine-elisa-kits/vascular-endothelial-growth-factor-a/112870>