

Sheep Vascular Endothelial cell growth factor (VEGF) ELISA Kit | VEGF elisa kit

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CATALOG #
AAA122095

REACTIVITY
Sheep

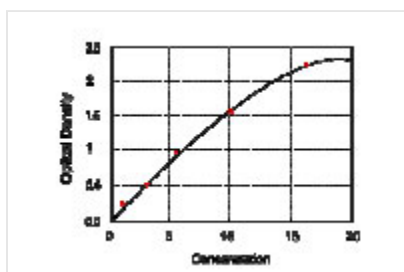
PRODUCT SYNONYMS

Vascular Endothelial cell growth factor (VEGF); Sheep Vascular Endothelial cell growth factor (VEGF) ELISA Kit; VEGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Sequence Length	173
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	5-2000ng/L
Sensitivity	2.46ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Sheep Vascular Endothelial cell growth factor (also known as VEGF) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Sheep VEGF antibody. VEGF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Sheep VEGF Antibody is added and binds to VEGF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated VEGF antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Sheep VEGF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	661346603
NCBI GeneID	397157
Molecular Weight	22,368 Da
NCBI Official Full Name	VEGF, partial
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VEGF
NCBI Protein Information	vascular endothelial growth factor A
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF

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/sheep-elisa-kits/vascular-endothelial-cell-growth-factor-vegfa/122095>