

Mouse vascular endothelial growth factor B ELISA Kit | VEGFB elisa kit

Mouse Vascular Endothelial cell Growth Factor B, VEGF-B ELISA Kit

CATALOG # AAA15591	REACTIVITY Mouse
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PRODUCT SYNONYMS

vascular endothelial growth factor B; Mouse Vascular Endothelial cell Growth Factor B; VEGF-B ELISA Kit; VEGF-B ELISA kit; VEGFL; VRF; ; VEGFB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of rat VEGF. No significant cross-reactivity or interference between rat VEGF and analogues was observed.
Sequence Length	188
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	3.9 pg/ml-250 pg/ml
Sensitivity	0.97 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 VEGFB elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for VEGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VEGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VEGF 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 VEGF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	297632418
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NCBI GeneID	22340
NCBI Accession #	NP_001172093.1
NCBI GenBank Nucleotide #	NM_001185164.1
UniProt Accession #	P49766; Q3UG04; Q5D0B1; Q64290
Molecular Weight	21,914 Da
NCBI Official Full Name	vascular endothelial growth factor B isoform Vegf-b167
NCBI Official Synonym Full Names	vascular endothelial growth factor B
NCBI Official Symbol	Vegfb
NCBI Official Synonym Symbols	Vrf; VEGF-B
NCBI Protein Information	vascular endothelial growth factor B; VEGF-related factor
UniProt Protein Name	Vascular endothelial growth factor B
UniProt Gene Name	Vegfb
UniProt Synonym Gene Names	Vrf; VEGF-B; VRF
UniProt Entry Name	VEGFB_MOUSE

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/vegfb-mouse-elisa-kits/vascular-endothelial-growth-factor-b/15591>