

Mouse VEGF ELISA Kit | VEGF elisa kit

Mouse VEGF ELISA Kit

CATALOG # AAA332579	REACTIVITY Mouse	APPLICATIONS ELISA
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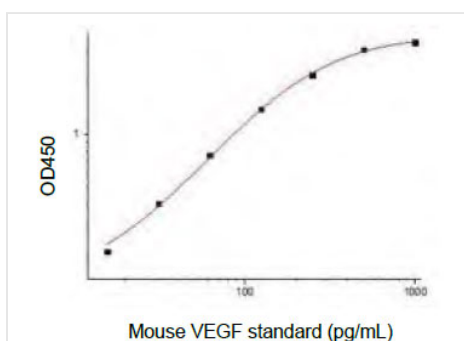
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse VEGF ELISA Kit has high sensitivity and excellent specificity for detection of MouseVEGF. No significant cross-reactivity or interference between Mouse VEGF and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	15.63 pg/mL-1,000 pg/mL
Sensitivity	8 pg/mL
Applicable Applications for VEGF elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF elisa kit	Principle of the Assay: Vascular Endothelial Growth Factor (VEGF) induces proliferation and migration of vascular endothelial cells, and is essential for both physiological and pathological angiogenesis. Disruption of this gene in mice resulted in abnormal embryonic blood vessel formation. This gene is upregulated in many known tumors and its expression is correlated with tumor stage and progression. Mouse VEGF ELISA Kit employs a double antibody sandwich method to quantitate Mouse VEGF in samples. An antibody specific for Mouse VEGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Mouse VEGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Mouse VEGF is added to the wells. After washing, proprietary Streptavidin-HRP conjugates are added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450 nm wavelength. The VEGF concentration is proportional to the OD450 nm value.
Product Categories/Family for VEGF elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	160358799
NCBI GeneID	22339
NCBI Accession #	NP_001020421.2
NCBI GenBank Nucleotide #	NP_001020421.2
UniProt Accession #	Q00731
NCBI Official Full Name	vascular endothelial growth factor A isoform 1
NCBI Official Synonym Full Names	vascular endothelial growth factor A
NCBI Official Symbol	Vegfa
NCBI Official Synonym Symbols	Vpf; 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
UniProt Entry Name	VEGFA_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/mouse-elisa-kits/vegfa/332579>