

Rat VEGF ELISA Kit | VEGF elisa kit

Rat VEGF ELISA Kit

CATALOG # AAA332589	REACTIVITY Rat	APPLICATIONS ELISA
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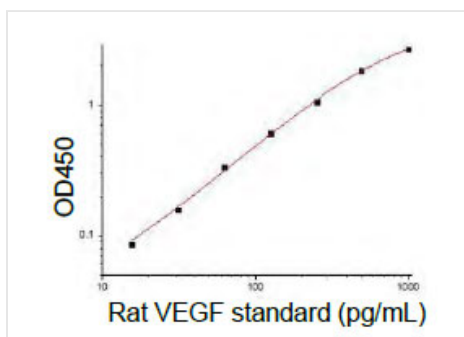
PRODUCT SYNONYMS

VEGF; Rat 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	Rat
Specificity	Rat VEGF ELISA Kit has high sensitivity and excellent specificity for detection of Rat VEGF. No significant cross-reactivity or interference between Rat VEGF and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	15.6 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: This growth factor 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. Rat VEGF ELISA Kit employs a double antibody sandwich method to quantitate Rat VEGF in samples. An antibody specific for Rat VEGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Rat VEGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Rat 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 Rat 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 #	160358797
NCBI GeneID	83785
NCBI Accession #	NP_001103804.1
NCBI GenBank Nucleotide #	NM_001110334.2
UniProt Accession #	P16612; Q541S6; Q91ZE1; Q9JKX7; Q9QXG6; Q9QXG7
Molecular Weight	17,189 Da
NCBI Official Full Name	vascular endothelial growth factor A isoform 3
NCBI Official Synonym Full Names	vascular endothelial growth factor A
NCBI Official Symbol	Vegfa
NCBI Official Synonym Symbols	VPF; Vegf; VEGF-A; VEGF164
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_RAT

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.