

Rat VEGF-D ELISA Kit | VEGF-D elisa kit

Rat VEGF-D (Vascular Endothelial Cell Growth Factor D) ELISA Kit

CATALOG #
AAA164740

REACTIVITY
Rat

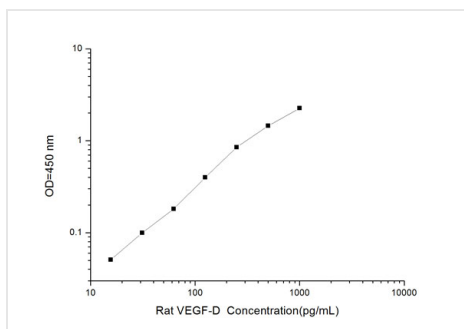
PRODUCT SYNONYMS

VEGF-D; Rat VEGF-D (Vascular Endothelial Cell Growth Factor D) ELISA Kit; VEGF-D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat VEGF-D. No significant cross-reactivity or interference between Rat VEGF-D and analogues was observed.
Sequence Length	354
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF-D elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat VEGF-D concentrations in serum, plasma and other biological fluids. Principle of the Assay This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to VEGF-D. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for VEGF-D and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain VEGF-D, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of VEGF-D. You can calculate the concentration of VEGF-D in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758378
NCBI GeneID	2277
NCBI Accession #	NP_004460.1
NCBI GenBank Nucleotide #	NM_004469.4
UniProt Accession #	O43915; B2R7Z3
Molecular Weight	40,444 Da
NCBI Official Full Name	vascular endothelial growth factor D preproprotein
NCBI Official Synonym Full Names	c-fos induced growth factor (vascular endothelial growth factor D)
NCBI Official Symbol	FIGF
NCBI Official Synonym Symbols	VEGFD; VEGF-D
NCBI Protein Information	vascular endothelial growth factor D
UniProt Protein Name	Vascular endothelial growth factor D
UniProt Gene Name	FIGF
UniProt Synonym Gene Names	VEGFD; VEGF-D; FIGF
UniProt Entry Name	VEGFD_HUMAN

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.