

Rat Vascular endothelial growth factor receptor3 ELISA Kit | VEGFR 3 elisa kit

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CATALOG #
AAA81972

REACTIVITY
Rat

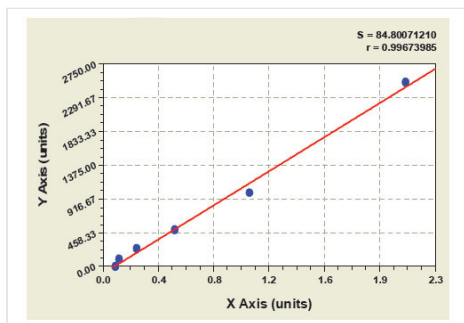
PRODUCT SYNONYMS

Vascular endothelial growth factor receptor3; Rat Vascular endothelial growth factor receptor3 ELISA Kit; VEGFR 3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/ml
Intended Uses	This VEGFR 3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat VEGFR 3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGFR 3 elisa kit

Principle of the Assay: VEGFR 3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for VEGFR 3. Standards or samples are then added to the microtiter plate wells and VEGFR 3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of VEGFR 3 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for VEGFR 3 are added to each well to "sandwich" the VEGFR 3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain VEGFR 3 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VEGFR 3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for VEGFR 3 elisa kit	Cancer
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NCBI AND UNIPROT INFORMATION

NCBI GI #	104294888
NCBI GeneID	2324
NCBI Accession #	NP_891555.2
NCBI GenBank Nucleotide #	NM_182925.4
Molecular Weight	93,174 Da
NCBI Official Full Name	vascular endothelial growth factor receptor 3 isoform 1
NCBI Official Synonym Full Names	fms-related tyrosine kinase 4
NCBI Official Symbol	FLT4
NCBI Official Synonym Symbols	PCL; FLT41; LMPH1A; VEGFR3
NCBI Protein Information	vascular endothelial growth factor receptor 3; FLT-4; VEGFR-3; soluble VEGFR3 variant 1; soluble VEGFR3 variant 2; soluble VEGFR3 variant 3; fms-like tyrosine kinase 4; tyrosine-protein kinase receptor FLT4
UniProt Protein Name	Vascular endothelial growth factor receptor 3
UniProt Gene Name	FLT4
UniProt Synonym Gene Names	VEGFR3; VEGFR-3; FLT-4
UniProt Entry Name	VGFR3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/vegfr-3-rat-elisa-kits/vascular-endothelial-growth-factor-receptor3/81972>