

Bovine Vascular endothelial growth factor receptor 1 ELISA Kit | VEGFR1 elisa kit

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CATALOG # AAA90679	REACTIVITY Bovine
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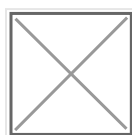
PRODUCT SYNONYMS

Vascular endothelial growth factor receptor 1; Bovine Vascular endothelial growth factor receptor 1 ELISA Kit; VEGFR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 pg/mL.
Intended Uses	This VEGFR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine VEGFR1. 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 VEGFR1 elisa kit	Principle of the Assay: VEGFR1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for VEGFR1. Standards or samples are then added to the microtiter plate wells and VEGFR1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of VEGFR1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for VEGFR1 are added to each well to "sandwich" the VEGFR1 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 VEGFR1 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 VEGFR1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for VEGFR1 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	229892302
NCBI GeneID	2321

NCBI Accession #	NP_001153503.1
NCBI GenBank Nucleotide #	NM_001160031.1
Molecular Weight	41,175 Da
NCBI Official Full Name	vascular endothelial growth factor receptor 1 isoform 4
NCBI Official Synonym Full Names	fms-related tyrosine kinase 1
NCBI Official Symbol	FLT1
NCBI Official Synonym Symbols	FLT; FLT-1; VEGFR1; VEGFR-1
NCBI Protein Information	vascular endothelial growth factor receptor 1; fms-like tyrosine kinase 1; tyrosine-protein kinase FRT; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor; fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)
UniProt Protein Name	Vascular endothelial growth factor receptor 1
UniProt Gene Name	FLT1
UniProt Synonym Gene Names	FLT; FRT; VEGFR1; VEGFR-1; FLT-1; FLT
UniProt Entry Name	VGFR1_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/vegfr1-bovine-ovine-elisa-kits/vascular-endothelial-growth-factor-receptor-1/90679>