

Chicken Vascular Endothelial cell Growth Factor B ELISA Kit | VEGF-B elisa kit

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CATALOG #
AAA91183

REACTIVITY
Chicken

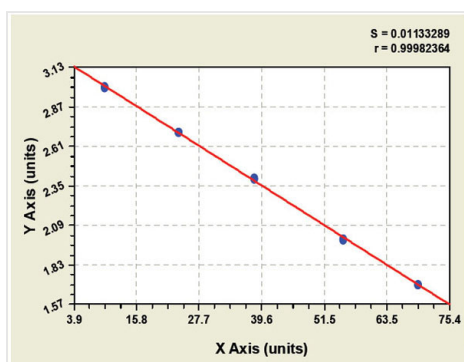
PRODUCT SYNONYMS

Vascular Endothelial cell Growth Factor B; Chicken Vascular Endothelial cell Growth Factor B ELISA Kit; VEGF-B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF-B elisa kit

Intended Uses: This VEGF-B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken VEGF-B. This ELISA kit for research use only!

Principle of the Assay: VEGF-B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VEGF-B antibody and an VEGF-B-HRP conjugate. The assay sample and buffer are incubated together with VEGF-B-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the VEGF-B concentration since VEGF-B from samples and VEGF-B-HRP conjugate compete for the anti-VEGF-B antibody binding site. Since the number of sites is limited, as more sites are occupied by VEGF-B from the sample, fewer sites are left to bind VEGF-B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VEGF-B concentration in each sample is interpolated from this standard curve.

Product Categories/Family for VEGF-B elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507887
NCBI GeneID	7423
NCBI Accession #	NP_003368.1
NCBI GenBank Nucleotide #	NM_003377.4
UniProt Accession #	P49765; Q16528; Q7LAP4; Q8TEV2; Q9UMT6
Molecular Weight	21,602 Da
NCBI Official Full Name	vascular endothelial growth factor B isoform VEGFB-186
NCBI Official Synonym Full Names	vascular endothelial growth factor B
NCBI Official Symbol	VEGFB
NCBI Official Synonym Symbols	VRF; VEGFL
NCBI Protein Information	vascular endothelial growth factor B; VEGF-related factor
UniProt Protein Name	Vascular endothelial growth factor B
UniProt Gene Name	VEGFB
UniProt Synonym Gene Names	VRF; VEGF-B; VRF
UniProt Entry Name	VEGFB_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.

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Online datasheet: <https://stage.aaabiotech.com/vegfb-b-chicken-elisa-kits/vascular-endothelial-cell-growth-factor-b/91183>