

Porcine Endocrine gland vascular endothelial growth factor ELISA Kit | EG-VEGF elisa kit

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CATALOG #
AAA92409

REACTIVITY
Porcine

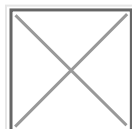
PRODUCT SYNONYMS

Endocrine gland vascular endothelial growth factor; Porcine Endocrine gland vascular endothelial growth factor ELISA Kit; EG-VEGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This EG-VEGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine EG-VEGF. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EG-VEGF elisa kit

Principle of the Assay: EG-VEGF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-EG-VEGF antibody and an EG-VEGF-HRP conjugate. The assay sample and buffer are incubated together with EG-VEGF-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 EG-VEGF concentration since EG-VEGF from samples and EG-VEGF-HRP conjugate compete for the anti-EG-VEGF antibody binding site. Since the number of sites is limited, as more sites are occupied by EG-VEGF from the sample, fewer sites are left to bind EG-VEGF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EG-VEGF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for EG-VEGF elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI

[37182488](#)

NCBI GeneID

[84432](#)

Molecular Weight	11,715 Da
NCBI Official Full Name	EG-VEGF
NCBI Official Synonym Full Names	prokineticin 1
NCBI Official Symbol	PROK1
NCBI Official Synonym Symbols	PK1; PRK1; EGVEGF
NCBI Protein Information	prokineticin-1; EG-VEGF; mambakine; black mamba toxin-related protein; endocrine-gland-derived vascular endothelial growth factor
UniProt Protein Name	Prokineticin-1
UniProt Gene Name	PROK1
UniProt Synonym Gene Names	UNQ600/PRO1186; EG-VEGF
UniProt Entry Name	PROK1_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/eg-vegf-porcine-elisa-kits/endocrine-gland-vascular-endothelial-growth-factor/92409>