

Human Endocrine Gland Vascular Endothelial Growth Factor (EG-VEGF) ELISA Kit | EG-VEGF elisa kit

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CATALOG #
AAA331310

REACTIVITY
Human

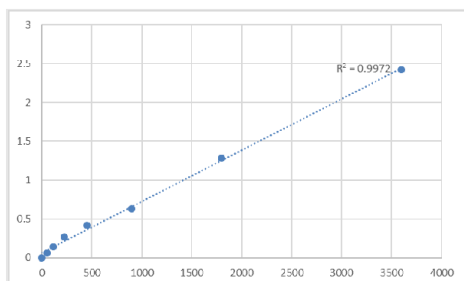
PRODUCT SYNONYMS

Endocrine Gland Vascular Endothelial Growth Factor (EG-VEGF); Human Endocrine Gland Vascular Endothelial Growth Factor (EG-VEGF) ELISA Kit; PROK1; EGVEGF; PK1; PRK1; black mamba toxin-related protein; mambakine; EG-VEGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Endocrine gland vascular endothelial growth factor (EG-VEGF) ELISA Kit has high sensitivity and excellent specificity for detection of Human PROK1. No significant cross-reactivity or interference between Human PROK1 and analogues was observed.
Sequence Length	105
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Endocrine gland vascular endothelial growth factor (EG-VEGF) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for EG-VEGF elisa kit	Description: This Human Endocrine gland vascular endothelial growth factor (EG-VEGF) ELISA Kit employs a two-site sandwich ELISA to quantitate PROK1 in samples. An antibody specific for PROK1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PROK1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PROK1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PROK1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Endocrine gland vascular endothelial growth factor encoded by EG-VEGF induces proliferation, migration, and fenestration (the formation of membrane discontinuities) in capillary endothelial cells derived from endocrine glands. It has little or no effect on a variety of other endothelial and non-endothelial cell types. Its expression is restricted to the steroidogenic glands (ovary, testis, adrenal, and placenta), is induced by hypoxia, and often complementary to the expression of vascular endothelial growth factor (VEGF), suggesting that these molecules function in a coordinated manner.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37182488
NCBI GeneID	84432
UniProt Accession #	P58294
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
UniProt Protein Name	Prokineticin-1
UniProt Gene Name	PROK1
UniProt Synonym Gene Names	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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/endocrine-gland-vascular-endothelial-growth-factor-eg-veg/331310>