

Human EG-VEGF ELISA Kit | PROK1 elisa kit

Human EG-VEGF PicoKine ELISA Kit

CATALOG #
AAA45254

REACTIVITY
Human

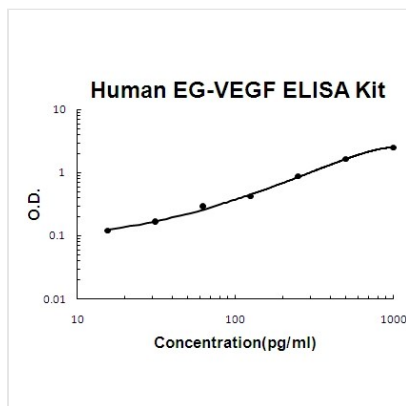
PRODUCT SYNONYMS

EG-VEGF; Human EG-VEGF PicoKine ELISA Kit; Prokineticin-1; prokineticin 1; Endocrine-gland-derived vascular endothelial growth factor; Mambakine; PROK1; PROK1_HUMAN; PROK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human EG-VEGF
Sequence Length	105
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	< 7pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human EG-VEGF PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for PROK1 elisa kit	Principle of the assay: human EG-VEGF ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for EG-VEGF has been precoated onto 96-well plates. Standards(NSO, A20-F105) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for EG-VEGF is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human EG-VEGF amount of sample captured in plate. Background: EG-VEGF, Endocrine glandderived vascular endothelial growth factor, is a human protein encoded by the PROKR1 gene. Its gene is mapped to chromosome 1. The 1.4-kb cDNA encodes a protein of 105 amino acids with a well defined signal sequence. The mature protein is predicted to have 86 amino acids. Northern blot analysis demonstrated expression in testis, ovary, adrenal gland, and placenta. EG-VEGF has played a vital role in inducing proliferation, migration, and fenestration in capillary endothelial cells derived from endocrine glands.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17380189
NCBI GeneID	84432
UniProt Accession #	P58294; Q5VWD4; Q8TC69
Molecular Weight	11,715 Da
NCBI Official Full Name	Prokineticin-1
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	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/prok1-human-elisa-kits/eg-veg/45254>