



[Go to Product page](#)

Datasheet for ABIN6720042  
**Prokineticin 1 ELISA Kit**

1 Image

Overview

Quantity:	1 kit
Target:	Prokineticin 1 (Prok1)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: EG-VEGF, Endocrine-gland-derived vascular endothelial growth factor, Mambakine, PROK1, PROK1_HUMAN, Prokineticin-1</p> <p>Background: EG-VEGF, Endocrine glandderived vascular endothelial growth factor, is a human protein encoded by 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</p>

## Product Details

---

glands. The standards of this kit are recombinant human EG-VEGF(A20-F105), with molecular weight of 10.5 KDa.

Gene Name: PROK1

Production: Natural and recombinant human EG-VEGF. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: A20-F105

## Target Details

---

Target: Prokineticin 1 (Prok1)

Alternative Name: EG-VEGF ([Prok1 Products](#))

Gene ID: 84432

NCBI Accession: [NP\\_115790](#)

UniProt: [P58294](#)

## Application Details

---

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 15.6pg/mL human EG-VEGF standard solutions into the pre-coated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human EG-VEGF standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 15.6pg/mL-1000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

## Handling

---

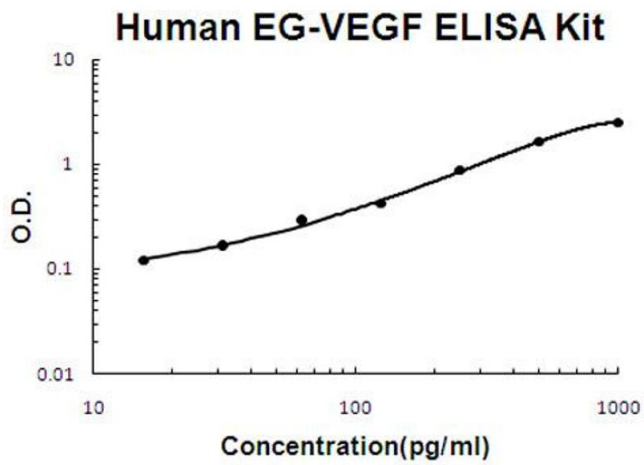
Storage: RT,4 °C,-20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only

## Handling

prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

## Images



### ELISA

**Image 1.** Human EG-VEGF Accusignal ELISA Kit Human EG-VEGF AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <7pg/ml.