



## Human Vascular endothelial growth factor C ELISA Kit (2 plates)

**Catalogue No.:** BEK-2161-2P

**Description:** The human Vascular endothelial growth factor C (VEGF-C) Kit is a sandwich ELISA. The capture antibody is a polyclonal human VEGF-C antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known VEGF-C concentration are added to these wells and allowed to complex with the bound VEGF-C antibody. A biotinylated human VEGF-C monoclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of VEGF-C present in the samples. The purpose of this kit is the in-vitro quantitative determination of human VEGF-C in samples such as sera, plasma, tissue lysates and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

**Batch No.:** See product labels

**Other Names:** VEGF-C; Flt4 ligand; Flt4-L; Vascular endothelial growth factor-related protein; VRP; VEGFC;

**Accession:** P49767 VEGFC\_HUMAN;

**Specificity:** Human VEGF-C

**Storage:** Store at 2-8C

**Kit components:** The ELISA kit box contains 1 x 96-well pre-coated strip plate, protein standards, detection reagents, substrate buffer and detailed protocols.

**Range:** 31.2 pg/mL - 2,000 pg/mL

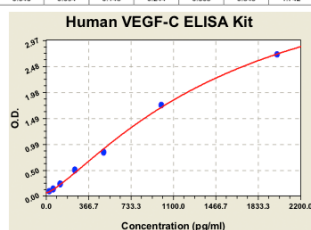
**Sensitivity:** < 2 pg/ml

**Kit protocol:** Please refer to our online product listing for current protocol/MSDS versions.

**Typical Human VEGF-C ELISA Kit Standard Curve**

(TMB reaction incubate at 37°C for 27 min)

Concentration	0.0pg/ml	31.2pg/ml	62.5pg/ml	125pg/ml	250pg/ml	500pg/ml	1000pg/ml	2000pg/ml
O.D.	0.045	0.094	0.146	0.244	0.503	0.843	1.742	2.707



This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.

FOR RESEARCH USE ONLY