



D. rerio VEGF, VEGFA, VEGF165 (DAG-H10043)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	D. rerio
Purity	> 90 % as determined by SDS-PAGE
Conjugate	Unconjugated
Applications	Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC). The ED50 for this effect is typically 10-30 ng/mL.
Size	10 µg, 20 µg
Preservative	None
Storage	Store it under sterile conditions at -70 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction	Vascular endothelial growth factor (VEGF) is a signal protein produced by cells that stimulates vasculogenesis and angiogenesis. It is part of the system that restores the oxygen supply to tissues when blood circulation is inadequate. Serum concentration of VEGF is high in Bronchial Asthma and low in Diabetes Mellitus. VEGF's normal function is to create new blood vessels during embryonic development, new blood vessels after injury, muscle following exercise, and new vessels (collateral circulation) to bypass blocked vessels.
Keywords	MGC70609; Vascular endothelial growth factor; Vascular endothelial growth factor A; Vascular Permeability Factor; VEGF-A; VEGFA; VEG-FA_HUMAN; VPF; PIGF; Plgf; A1854365; VEGFD; VEGF-D; FIGF; VRP; Flt4-L; VEGFC; VEGF-C; Vascular endothelial growth factor D; c-Fos-induced growth factor; vascular endothelial growth factor B; vascular endothelial growth factor C; Flt4 ligand; Vascular endothelial growth factor-related protein; VRF; VEGFL; VEGF-B; VEGFB; VEGF-related factor; OTTHUMP00000022960; c-fos induced growth factor (vascular

endothelial growth factor D); OT-THUMP00000218843; FLT4 ligand DHM; OT-
THUMP00000236927; OTTHUMP00000236928
