



VEGF-R1 (Vasclular Endothelial Growth Factor-R1)

Analyte: Vasclular Endothelial Growth Factor-C

Specimen Type: Serum

Optimum Volume: 0.4 mL

Stability:

2-8 Degrees C	-20 Degrees C	-70 Degrees C
3 days	3 months	3 months

Reporting Units: pg/mL

Method: Chemiluminescence

Biological or Clinical Significance:

Vascular endothelial growth factor receptor 3 is a protein that in humans is encoded by the FLT4 gene. It belongs to the class III subfamily of receptor tyrosine kinases (RTKs). This receptor contains seven immunoglobulin-like repeats in their extracellular domain and kinase insert domains in their intracellular region. It regulates VEGF family-mediated vasculogenesis, angiogenesis, and lymphangiogenesis. VEGF-R3 plays a significant role in VEGF-C and VEGF-D-mediated lymphangiogenesis.

Principle of Test Method:

The VEGF-R1 assay is a chemiluminescent immunoassay. Detection range 5.4 - 5500 MRD 1:2