

## VEGF-R3 (Vasclular Endothelial Growth Factor-R3)

**Analyte:** Vasclular Endothelial Growth Factor-R3

**Specimen Type:** Serum

**Optimum Volume:** 0.4 mL

**Stability:**

2-8 Degrees C	-20 Degrees C	-70 Degrees C
3 days	6 months	6 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-R3 assay is a chemiluminescent immunoassay. Detection range 195.3 - 200000 MRD 1:50