



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

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

**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 D is a protein that in humans is encoded by the FIGF gene. It belongs to the PDGF/VEGF growth factor family and highly expressed in lung, heart, small intestine and fetal lung, and at lower levels in skeletal muscle, colon, and pancreas. VEGF-D regulates angiogenesis and lymphangiogenesis during development and tumor growth, and are characterized by eight conserved cysteine residues that form a cysteine knot structure. It binds and activates VEGFR-2 (KDR/FLK1) and VEGFR-3 (FLT4) receptors.

**Principle of Test Method:**

The VEGF-D assay is a chemiluminescent immunoassay. Detection range 19.5 - 20000 MRD 1:2