



Biomarker Menu

Ang-2 (Angiopoietin-2)

Analyte: Angiopoietin-2

Specimen Type: Serum

Optimum Volume: 0.4 mL

Stability:

2-8 Degrees C	-20 Degrees C	-70 Degrees C
1 day	3 months	3 months

Reporting Units: pg/mL

Method: Chemiluminescence

Biological or Clinical Significance:

Angiopoietin-2 is a protein that in humans is encoded by the ANGPT2 gene. It belongs to the angiopoietin protein family (angiopoietin-1, -2, -3, and -4) which plays an important role in the development and maintenance of blood vessels and the lymphatic system. ANG-2 is composed of an alpha-helix-rich "coiled coil" N-terminal domain and fibrinogen-like C-terminal domain. The angiopoietins serve as ligands for the receptor tyrosine kinases Tie 1 and Tie 2.

Principle of Test Method:

The Ang-2 assay is a chemiluminescent immunoassay. Assay Range: 5.5 - 2,800 pg/mL