



Biomarker Menu

HGF (Human Growth Factor)

Analyte: Human Growth Hormone

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:

Hepatocyte growth factor (HGF), also known as Hepatopoietin A, is mitogenic for a variety of cell types, including endothelial and epithelial cells, melanocytes, and keratinocytes. HGF signals through a transmembrane tyrosine kinase receptor known as MET. Activities of HGF include the induction of cell proliferation, motility, morphogenesis, inhibition of cell growth, and enhancement of neuron survival. HGF is a crucial mitogen for liver regeneration processes, especially after partial hepatectomy and other liver injuries.

Principle of Test Method:

The HGF assay is a chemiluminescent immunoassay.