



Oncology Blood Panel (Fasting)

- **LDH (Lactate dehydrogenase or LD)**- information about bone, liver, kidney, sugar, inflammation
- **High Sensitivity-CRP (High Sensitivity CRP)**- measures inflammation (high sensitivity marker) & indicator of prognosis
- **Sedimentation rate (ESR or SED)**- measures general inflammation & immune health
- **CBC with Differential (Complete Blood Count)** –Whole body organ and immune system function
- **CMP (Complete Metabolic Panel) with Chem 20**- Whole body organ function, metabolic processes and cancer growth factors (ex: high calcium)
- **Ferritin** – iron storage that can feed/fuel cancer cells and inflammation.
- **Iron, Total and Total Iron Binding Capacity (TIBC)** – Indicator of iron anemia, bleeding, infection & inflammation
- **Vitamin D3: 25-OH (D3)**- Total, Immunoassay- indicator of autoimmune issues, bone loss, endocrine health, immune health and cell differentiation
- **Insulin, fasting**- hormonal response to blood sugar balance
- **HbA1C (hemoglobin A1c)**- blood sugar management over 2-3 months
- **Complete Thyroid panel including TSH, Free T3, Free T4, Total T3, T4, Reverse T3, T3 Uptake**- metabolic function, thyroid health and function, selenium status
- **Thyroid Peroxidase & Thyroglobulin Antibodies**- indicative of thyroid autoimmunity, even with normal TSH
- **Full lipid panel** – Essential for looking at triglycerides, a potential indicator of fatty liver
- **Uric Acid**- indicator of oxidative stress, inflammation, renal health
- **Homocysteine**- indicative of methylation, B12 status, general inflammation
- **Retinol (Vitamin A)**- essential to immune function and gene regulation
- **Gamma Glutamyl Transferase (GGT)**- Indicator of Biliary dysfunction, liver damage or dysfunction, glutathione deficiency or oxidative stress
- **Vascular Endothelial Growth Factor (VEG-F)**- an angiogenesis indicator
- **Copper**- a cancer growth factor
- **Ceruloplasmin**- a cancer growth factor
- **Fibrinogen** – blood viscosity marker, which can lead to increase cancering potential
- **IGF-1 (Insulin Growth Factor Number 1)**- may indicate malnutrition, too much dairy, stress/sleep issues. Cancer growth factor.
- **Galectin 3** – an inflammation marker important for cancer
- **D-Dimer** – a blood viscosity marker that increases potentially contributes to the cancering process

Test, assess, address.... don't guess!