

MOONSHOT COMPREHENSIVE BLOOD PANEL (WOMEN)

A LIFE-STAGE-AWARE VIEW OF HORMONES, METABOLISM, AND LONG-TERM HEALTH

■ WHAT THIS PANEL IS

Analyzing **50+ clinically actionable biomarkers**, this panel evaluates how hormones, thyroid, metabolism, and cardiovascular health interact. It provides a clear physiological baseline—whether cycling, perimenopausal, or postmenopausal—to pinpoint the root causes of fatigue, weight shifts, and mood changes.

BIOMARKERS BY SYSTEM

50+ ACTIONABLE MARKERS

A. Cardiovascular & Lipid Health

Includes: Total Cholesterol, LDL, HDL, Triglycerides, ApoB, Lipoprotein(a), hs-CRP

Why it matters: Heart health in women is often under-assessed. We look beyond basic cholesterol to measure actual particle number (ApoB) and genetic risk factors.

Explains: Long-term heart risk, stamina issues, inflammatory load.

C. Female Hormones & Life-Stage

Includes: Estradiol, Progesterone, Testosterone, SHBG, LH, FSH, DHEA-S

Why it matters: We assess the balance between estrogen and progesterone, not just levels. This context is vital for understanding cycles, fertility, or menopausal transitions.

Explains: PMS, irregular cycles, hot flashes, low drive, sleep issues.

E. Inflammation & Stress Load

Includes: hs-CRP, CBC (Immune Patterns)

Why it matters: Chronic stress and inflammation can disrupt hormone signaling. This data helps us distinguish between "just tired" and a system under load.

Explains: Joint pain, bloating, water retention, slow recovery.

B. Metabolic Health & Blood Sugar

Includes: Fasting Glucose, Hemoglobin A1c, Fasting Insulin

Why it matters: Insulin sensitivity often shifts during perimenopause and menopause. We catch metabolic resistance early to prevent stubborn weight gain and fatigue.

Explains: Sugar cravings, midsection weight gain, energy crashes.

D. Thyroid Function & Metabolic Pace

Includes: TSH, Free T4, Free T3, Thyroid Antibodies

Why it matters: Thyroid disorders are far more common in women. We check for autoimmune antibodies and conversion efficiency (T4 to T3) to ensure your metabolism is active.

Explains: Hair loss, feeling cold, unexplained fatigue, brain fog.

F. Nutrients & Cellular Support

Includes: Vitamin D, Vitamin B12, Electrolytes, Protein

Why it matters: These nutrients are co-factors for hormone production and energy. Deficiencies here can mimic hormonal imbalances.

Explains: Low energy, mood fluctuations, weak immunity.