

## Hormone Zoomer

The Hormone Zoomer measures key markers across hormone production, metabolism, stress rhythm, sleep signaling, environmental influence, oxidative load, and bone dynamics. The panel includes sex and adrenal hormones with their metabolites, cortisol and cortisone patterns across the day, melatonin, endocrine-disrupting compounds, oxidative stress indicators, and bone-turnover markers, organized by clinical domain to support clear review and efficient interpretation.

Urinary Hormone Markers		
Adrenal Hormones	Testosterone	Progesterone
<ul style="list-style-type: none"> <li>Deoxycorticosterone</li> <li>Corticosterone</li> <li>DHEA</li> <li>DHEA-S</li> <li>Total Cortisol</li> <li>Total Cortisone</li> <li>β-Tetrahydrocortisol (β-THF)</li> <li>α-Tetrahydrocortisol (α-THF)</li> <li>β-Tetrahydrocortisone (β-THE)</li> </ul>	<ul style="list-style-type: none"> <li>Androstenedione</li> <li>Androsterone</li> <li>Etiocholanolone</li> <li>Testosterone (T)</li> <li>Epi-Testosterone (Epi-T)</li> <li>5α-DHT</li> <li>5α,3α-Androstanediol</li> <li>5β-Androstanediol</li> </ul>	<ul style="list-style-type: none"> <li>β-Pregnanediol</li> <li>α-Pregnanediol</li> <li>Allopregnanolone</li> <li>3α-Dihydroprogesterone</li> <li>20α-Dihydroprogesterone</li> </ul>
Diurnal Cortisol	Estrogen	Endocrine Disruptor Markers
<ul style="list-style-type: none"> <li>Free Cortisol (1st Morning)</li> <li>Free Cortisol (2nd Morning)</li> <li>Free Cortisol (Evening)</li> <li>Free Cortisol (Night)</li> <li>Free Cortisol (Pooled)</li> </ul>	<ul style="list-style-type: none"> <li>Estradiol (E2)</li> <li>Estrone (E1)</li> <li>Estriol (E3)</li> <li>2-OH Estradiol</li> <li>2-OH Estrone</li> <li>4-OH Estradiol</li> <li>4-OH Estrone</li> <li>16α-OH Estrone</li> <li>2-MeO Estradiol</li> <li>2-MeO Estrone</li> <li>4-MeO Estradiol</li> <li>4-MeO Estrone</li> <li>Total Estrogen</li> </ul>	<ul style="list-style-type: none"> <li>Bisphenol A (BPA)</li> <li>Atrazine</li> <li>Glyphosate</li> <li>Monoethyl Phthalate</li> <li>Mono-2-ethylhexyl Phthalate</li> <li>Mono-(2-ethyl-5-hydroxyhexyl) Phthalate</li> <li>Mono-(2-ethyl-5-oxohexyl) Phthalate</li> <li>Methylparaben</li> <li>Ethylparaben</li> <li>Butylparaben</li> <li>Propylparaben</li> <li>Triclosan</li> <li>Perchlorate</li> </ul>
Diurnal Melatonin	Oxidative Stress Marker	Cortisol Awakening Response (CAR)
<ul style="list-style-type: none"> <li>Melatonin (1st Morning)</li> <li>Melatonin (2nd Morning)</li> <li>Melatonin (Evening)</li> <li>Melatonin (Night)</li> <li>Melatonin (Pooled)</li> </ul>	<ul style="list-style-type: none"> <li>8-Hydroxy-2-deoxyguanosine (8-OHdG)</li> </ul>	<ul style="list-style-type: none"> <li>Saliva Cortisol/Cortisone – Waking</li> <li>Saliva Cortisol/Cortisone – W +30 min.</li> <li>Saliva Cortisol/Cortisone – W +60 min.</li> <li>Saliva Cortisol/Cortisone – Evening</li> <li>Saliva Cortisol/Cortisone – Night</li> <li>Saliva Cortisol/Cortisone – Total</li> <li>Saliva Cortisol/Cortisone – Insomnia (Optional)</li> </ul>
Ratios	Bone Health Markers	
<ul style="list-style-type: none"> <li>2-OH E1/4-OH E1</li> <li>E3/(E1+E2)</li> <li>2-OH (E1 + E2)/16α-OH E1</li> <li>2-MeO E1/2-OH E1</li> <li>4-MeO E1/4-OH E1</li> <li>4-MeO E2/4-OH E2</li> <li>β-Pregnanediol/E2</li> <li>T/Epi-T</li> <li>Cortisol/Cortisone</li> <li>Metabolized Cortisol (THF+THE)</li> </ul>	<ul style="list-style-type: none"> <li>Deoxypyridinoline (DPD) Crosslinks</li> <li>Pyridinoline (PYD) Crosslinks</li> </ul>	

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