PCOS Hormone Levels Chart

| Patient Name: | |
|------------------------------|--|
| Date of Birth: | |
| Referring Physician's Name: | |
| Date of Recent Hormone Test: | |
| PCOS Hormone Levels Chart: | |

| | Normal Range | Range of those with PCOS |
|--|---|--|
| Follicle-stimulating hormone (FSH) | 4.7-21.5 IU/L | Normal range |
| Luteinizing Hormone (LH) | Follicular phase: 1.68-15 IU/L Mid-cycle peak: 21.9-56.6 IU/L Luteal phase: 0.61-16.3 IU/L | Persistently elevated LH levels throughout the menstrual cycle |
| Dehydroepiandrosterone (DHEA) | Age 18-19: 2.92 to 11.91 mmol/L Ages 20-29: 7.56 to 17.28 mmol Ages 30-39: 3.24 to 14.04 mmol/L Ages 40-49: 2.56 to 14.31 mmol/L | Increased level |
| Testosterone | 0.5 to 2.4 nmol | Increased level |
| Sex Hormone-Binding Globulin (SHBG) | Age <50: 19-145 nmol/L Age >50: 14-136 nmol/L | Low levels |
| Estrogen (Estradiol) | Premenopausal women: 30 to 400 pg/mL | Typically normal but may be abnormal |
| Anti-mullerian | 1.5 - 4.0 ng/ml | High Level (Over 4.0 ng/ml) |

Interpretation and Summary of Patient's Results:

Sources:

AMH Fertility Test, Anti-Mullerian Hormone. (n.d.). Advanced Fertility Center of Chicago. <u>https://advancedfertility.com/infertility-testing/amh-fertility-testing/</u>

Burgess, L. (2019, January 8). *What to know about luteinizing hormone tests*. <u>https://www.medicalnewstoday.com/articles/324122#normal-lh-ranges-and-what-they-mean</u>

Crna, R. N. M. (2023, March 15). What are normal ranges of FSH levels, and what to do if they are high or low. <u>https://www.medicalnewstoday.com/articles/317746#normal-ranges</u>

DHEA-sulfate test. (n.d.). Mount Sinai Health System. <u>https://www.mountsinai.org/health-library/tests/dhea-sulfate-test</u>

Estradiol (Blood) - Health Encyclopedia - University of Rochester Medical Center. (n.d.). <u>https://www.urmc.rochester.edu/encyclopedia/content.aspx?</u> <u>ContentTypeID=167&ContentID=estradiol</u>

Sex Hormone binding globulin (SHBG). (n.d.). Gloucestershire Hospitals NHS Foundation Trust. <u>https://www.gloshospitals.nhs.uk/our-services/services-we-offer/pathology/tests-and-investigations/sex-hormone-binding-globulin-shbg/</u>

Testosterone. (n.d.). Mount Sinai Health System. <u>https://www.mountsinai.org/health-library/tests/testosterone</u>