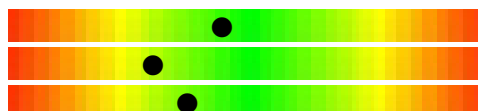




## ENDOCRINOLOGY SALIVA

| SALIVA                   | Result       | Range         | Units  |
|--------------------------|--------------|---------------|--------|
| <b>Progesterone (P4)</b> | <b>96.9</b>  | 2.0 - 230.0   | pmol/L |
| <b>DHEAS.</b>            | <b>7.2</b>   | 4.0 - 30.0    | nmol/L |
| <b>Testosterone.</b>     | <b>267.0</b> | 155.0 - 620.0 | pmol/L |



### Saliva Hormone Comments

\*\* PLEASE NOTE NEW REFERENCE RANGES AS OF 20.08.2021 \*\*

TABLE 1: SALIVARY HORMONE REFERENCE RANGES: (NOT ON HRT - BASELINE)

| FEMALE                   | Progesterone | DHEAS    | E2     | E1     | E3     |
|--------------------------|--------------|----------|--------|--------|--------|
| Pre/menarcheal           | 90-390       |          | 3.1-13 | 9.5-71 | 7.7-49 |
| Follicular               | 90-480       |          | 3.1-17 | 9.5-71 | 7.7-49 |
| Mid-Cycle                | 85-590       |          | 5.0-22 | 9.5-71 | 7.7-49 |
| Luteal                   | 276-1725     |          | 3.7-18 | 9.5-71 | 7.7-49 |
| Post Menop.              | 80-820       | 1.8-18.5 | 3.7-16 | 9.0-65 | 9.0-62 |
| Premenopausal, No OC's   |              | 2.5-27.0 |        |        |        |
| Premenopausal, with OC's |              | 2.0-8.0  |        |        |        |
| MALE                     | <230         | 5.0-32.0 | 2.7-11 | 7.7-50 | 6.6-38 |

TABLE 2: TARGET REFERENCE RANGES: (ON HRT - 24 to 48 hr post last dose)

|           | Progesterone | Testosterone              | E2     | E1 | E3        |
|-----------|--------------|---------------------------|--------|----|-----------|
| Oral      | 320-1998     |                           | 7-73   |    | 69-139    |
| Patch     | -            |                           | 4-18   | -  | -         |
| Cream/Gel | 3180-15000   | F: 277-867<br>M: 347-1734 | 37-184 | -  | 1040-1734 |

**SALIVA** The progesterone level is within range for a male.

### LOW/LOW NORMAL DHEAS LEVEL:

Saliva DHEAs level is below the mean range and suggestive of the need for supplementation with 50mg of DHEA. Maladaptation if consistently elevated cortisol. Adrenal fatigue if morning and evening cortisol only elevated, or if all markers low.

**SALIVA FREE TESTOSTERONE** level is adequate and within range.