

**NutriPATH**

INTEGRATIVE PATHOLOGY SERVICES

TEST PATIENT

Sample Test Name

Sex : F

Date Collected : 00-00-0000

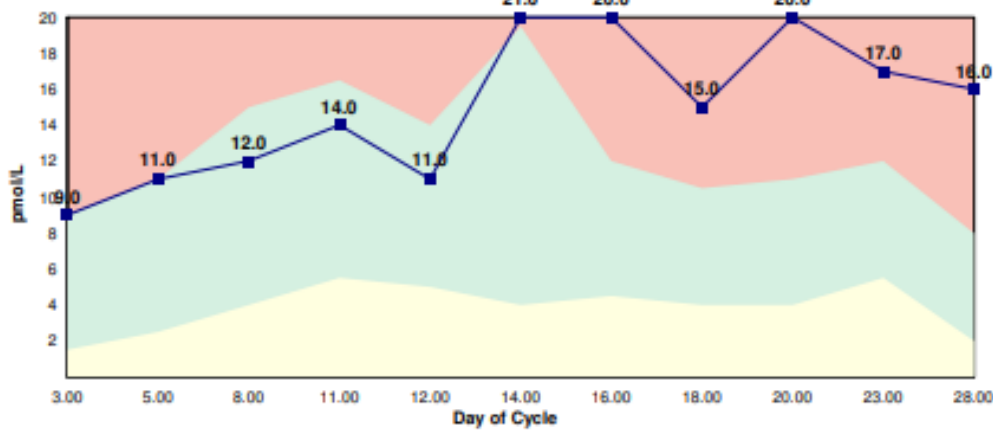
111 TEST ROAD TEST SUBURB

LAB ID: 00000000 UR#:00000000**TEST PHYSICIAN**

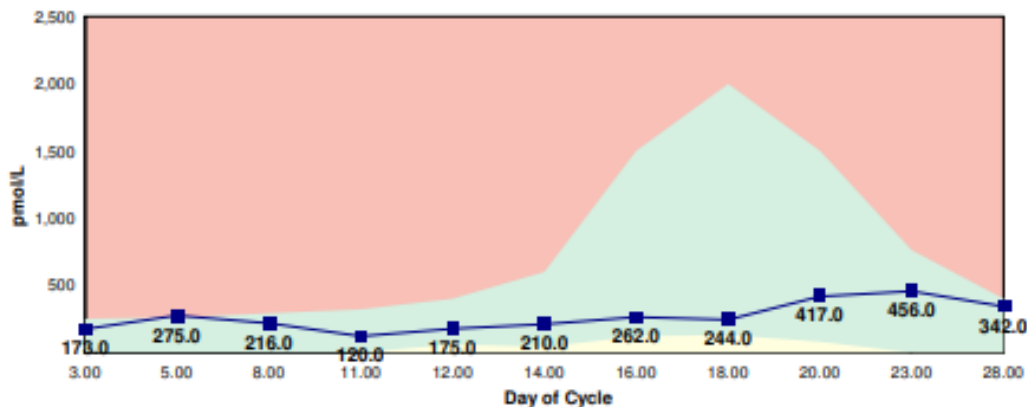
DR JOHN DOE

111 CLINIC STREET

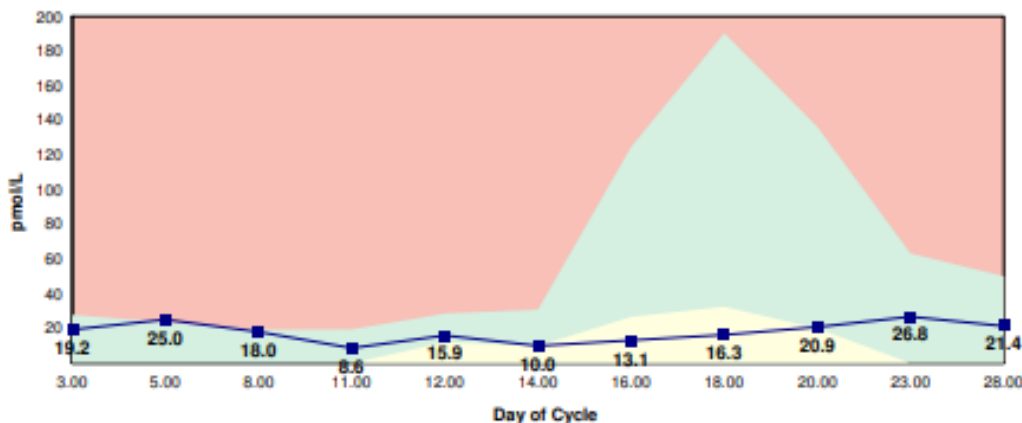
CLINIC SUBURB VIC 3000

28 Day Female Cycle Hormone Profile**OESTRADIOL**

Day	Result (pmol/L)	Range
3	9.0	1.5 - 9.0
5	11.0	2.5 - 11.0
8	12.0	4.0 - 15.0
11	14.0	5.5 - 16.5
12	11.0	5.0 - 14.0
14	21.0 *H	4.0 - 19.5
16	20.0 *H	4.5 - 12.0
18	15.0 *H	4.0 - 10.5
20	20.0 *H	4.0 - 11.0
23	17.0 *H	5.5 - 12.0
28	16.0 *H	2.0 - 8.0

PROGESTERONE

Day	Result (pmol/L)	Range
3	173.0	0.0 - 250.0
5	275.0 *H	0.0 - 260.0
8	216.0	0.0 - 290.0
11	120.0	0.0 - 320.0
12	175.0	60.0 - 400.0
14	210.0	40.0 - 600.0
16	262.0	120.0 - 1500.0
18	244.0	130.0 - 2000.0
20	417.0	80.0 - 1500.0
23	456.0	0.0 - 760.0
28	342.0	0.0 - 400.0

PROG/E2 RATIO

Day	Result (pmol/L)	Range
3	19.2	0.0 - 27.8
5	25.0 *H	0.0 - 23.6
8	18.0	0.0 - 19.3
11	8.6	0.0 - 19.4
12	15.9	12.0 - 28.6
14	10.0	10.0 - 30.8
16	13.1 *L	26.7 - 125.0
18	16.3 *L	32.5 - 190.5
20	20.9	20.0 - 136.4
23	26.8	0.0 - 63.3
28	21.4	0.0 - 50.0

Testosterone Day 11Result (pmol/L)
41.0Range
25.0 - 190.0**ENDOCRINOLOGY SALIVA**

SALIVA

Result

Range

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 M: 347-1734	37-184	-	1040-1734

Comments:

The 28 day profile is an analysis of estradiol (E2) and Progesterone (P4) over a 28 day period. The first half of the menstrual cycle (Follicular Phase) finishes in an estradiol peak between days 10-14 (in an optimal 28-day cycle - counting from the first day of the last menses). The second half of a 28-day menstrual cycle (Luteal Phase) should demonstrate a progesterone peak between days 18-22, which coincides with a smaller estradiol rise. Ovulation occurs 24-36 hours after the estradiol peak and 10-12 hours after a luteinizing hormone (LH) surge.

Alterations in this normal hormonal cycling may be indicative of an ovulation or luteal phase defects, which are associated with menstrual bleeding abnormalities. Finally, menstrual cycle lengths often vary from 24-35 days. While the follicular phase may vary in duration, the luteal phase is fixed at 14 days.