

P: 1300 688 522 E: info@nutripath.com.au

**Dr.SAMPLE REPORT TEST HEALTH CENTRE 123 TEST STREET BURWOOD VIC 3125** 

## SAMPLE REPORT 09-May-1990 **Female**

**16 HARKER STREET BURWOOD VIC 3125** 

LAB ID: 3814067

UR NO.:

Collection Date: 09-May-2022 Received Date:09-May-2022



		BIOCHEMI	STRY			
SLOOD - SERUM	Result	Range	Units			
ALBUMIN	43	35 - 50	g/L			
	Е	NDOCRING	DLOGY			
LOOD - SERUM	Result	Range	Units			
FEMALE HORMONES						
PROGESTERONE	0.4		nmol/L			
DHEA Sulphate	5.2	1.0 - 11.7	umol/L			
TESTOSTERONE	0.7	< 1.8	nmol/L			
Sex Hormone Binding Globulin	193 *H	25 - 150	nmol/L			•
Calculated Free Testosterone	4.8	1.0 - 34.0	pmol/L		•	
Calc Free Testosterone (Vermeulen)	3.2	0.0 - 37.0	pmol/L			
OESTRADIOL	56		pmol/L			
PROLACTIN	460	29 - 718	mIU/L			
FSH	2.6		mIU/mL			
LUTEINIZING HORMONE	3.4		mIU/mL			
Serum Hormones Comment						
SERUM HORMONE REFERENCE	RANGES					
Hormone   Progesto	erone	Estradiol	Estro	ne	FSH	LH
Units   nmol	/L	pmol/L	pg/1	ml	mIU/ml	mIU/ml
Early Follicular   -	 I		I 15 - :	 150 I		
Follicular phase   0.6 -	4.7	46 - 607	i -	i	2.8 - 9.3	2.8 - 7.6
Late Follicular   -	1	-	100 - 2	250	-	-
Mid-cycle peak   -		315 - 1828	•	1	3.0 - 19.2	•
Luteal phase   5.3 -		161 - 774				
Post-menopause   0.3 -	2.5	< 200	15 -	55	31.0 - 153	12.0 - 75.0

<sup>\*</sup> Progesterone sample taken on day 21 of the menstrual cycle is useful for the assessment of ovulation.

Male | 0.7 - 4.3 | 37 - 184 | - | 1.0 - 8.0 | 1.14 - 8.75 |

A level > 20nmol/L is usually indicative of normal corpus luteum function.

FEMALE SHBG RANGE:

Female NOT ON oral contraception, Range is 24-230 nmol/L.

Female with oral contraceptive, Range is 89-379 nmol/L.

Post-menopausal, Range is 46-277 nmol/L.

Pregnant females have previously been reported with a range of 59-1363 nmol

(\*) Result outside normal reference range (H) Result is above upper limit of reference rang



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### **ENDOCRINOLOGY**

BLOOD - SERUM Result Range Units

#### **ENDOCRINOLOGY COMMENTS**

Calculated Free Testosterone has replaced Free Androgen Index  $\,$  as a more accurate measure of Free Testosterone levels.

Please note that the equation to calculate free testosterone has changed from the Ly and Handelsman formula to the Vermeulen formula.

While Ly and Handelsman is deemed the better calculation, most labs around the world have chosen to use the Vermeulen equation.

This laboratory has chosen to provide both calculations for an interim period.

Please contact the Biochemistry Department for more information if required.

#### PROLACTIN COMMENT:

Normal Prolactin levels do not exclude pituitary tumours.

Tests ordered: DHEAS,FEMALE,IMPEI,CFee

(\*) Result outside normal reference range

(H) Result is above upper limit of reference rang

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