



## BLOOD TEST REFERENCE RANGES

### FEMALE HORMONES

#### USING ROCHE OR IMMULITE ASSAYS

TEST NAME	US REF RANGE	AUS REF RANGE	OPTIMAL RANGE	MY LEVEL
FSH	3-20 mIU/mL (Day 3)	2 - 12 IU/L (Day 3)	Under 6 excellent  6-9 Good	
LH	1.9 - 12.5 IU/L (Day 3)	2 - 12 IU/L (Day 3)	Under 10	
OESTRADIOL E2	30 - 100 pg/mL (Day 3)	70 - 560 - pmol/L (Day 3)	25-75 pg/mL 120 - 160 pmol/L -	
AMH	1.5 - 6.8 ng/mL	0 - 48.55 pmol/L	4.0 - 6.8 ng/mL 28.6 - 48.5 pmol/L	



PRL	0-386 ng/mL	85-500 mIU/L	400 pmol/L 25 ng/mL	
FAI	7-10	0.3-4.0%		
TT	0.21 – 2.98 mmol/L	2.6 nmol/L	0.2 – 1.8 nmol/L	
ANDROSTENIDION E	.2-9 ng/mL	3.5-9.0 nmol/L	.7 - 3.1 ng/mL 3.5-9.0 nmol/L (Day 3)	
SHBG	18 – 114 mmol/L	20 – 118 nmol/L	30 – 110 nmol/L	
DHEAs	20- 600 ug/dl	2.0 – 11.0 umol/L	35-430ug/dL 2 – 11 umol/L	
17-OH PROGESTERONE P4	3 – 20 ng/mL (Day 21)	5.8 – 96.0 nmol/L (Day 21)	45-60 nmol/L 15-20 ng/mL	



MALE HORMONES

USING ROCHE OR IMMULITE ASSAYS

TEST NAME	US REF RANGE	AUS REF RANGE	OPTIMAL RANGE	MY LEVEL
SPERM ANALYSIS	Volume: 2.5 mL Count: 40 300 million/mL Motility: 50% Vitality: 2 Morphology: 30% DNA Fragmentation rate: 1-29%	Volume: 1.5 mL Count: 15 million/mL Motility: 32% Morphology: 4% DNA Fragmentation rate: 1-29%	Volume: 3 ml Count: 33-46 million per ejaculate Motility: 58% Vitality: 50% DNA Fragmentation rate Excellent: up to 15% Good: 15-25% Fair: 25-29% Poor: 29%	
TOTAL TESTOSTERONE MEN OVER 18	240-950 ng/dL	9.5 _ 28 nmol/L	617-692 ng/dL 16-24 nmol/L	
FREE TESTOSTERONE MEN _ 20-50	5.25 ng/dL - 20.7 ng/dL	43-138 pmol/L	9.1-12.3 ng/dL 60-120 pmol/L	



DHEAs	1.3– 6.8 umol/L	3.0– 10 mmol/L	4-6 umol/L 6-8 mmol/L	
CORTISOL	0– 690 nmol/L AM	120– 620 nmol/L AM	400-600 nmol/L	
SHBG	20– 60 nmol/L	15-50 nmol/L	35.5- 46.6 nmol/L	