

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 p/ mol/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	
ANDROST- ENIDIONE E	.2-9 ng/mL	3.5-9.0 nmol/L	0.7-3.1 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	

