Category	Name		units	ref.values
Hematology				
	Leukocytes	3.7	10E9/l	3.5-11.0
	Erytrocytes	5.2	10E12/l	4.4-5.9
	Hemoglobin	9.1	nmol/l	8.4-10.9
	Hematocrit	0.46	l/l	0.38-0.49
	MCV	84	fl	83-98
	MCH	1.75	fmol	1.60-2.06
	Differentiation			
	Neutrophils	1.9	10E9/l	2.00-7.70
	Basophil granulocytes	0.02	10E9/l	0.00-0.20
	Eosinophil granulocytes	0.05	10E9/l	0.00-0.45
	Lymphocytes	1.51	10E9/l	0.50-4.50
	Monocytes	0.24	10E9/l	0.00-0.80
	Anemia, hemolysis, iron status			
	Ferritin	145	ug/l	30-400
	Vit. B12	307	pmol/l	130-700
	Folic acid	29	nmol/l	>8.8
Chemistry				
	Kidney function			
	Creatinine	88	umol/l	59-104
	eGFR (CKD-EPI)	>90	ml/min/173@	>60
	Liver, heart, enzymes			
	Gamma-GT	25	U/l	0-50
	ALAT(SGPT)	30	U/l	0-41
	Fat metabolism			
	Cholesterol	5.88	mmol/l	2.50-6.50
	Triglycerides	1.16	mmol/l	0.00-2.00
	HDL cholesterol	1.42	mmol/l	0.90-3.00
	LDL cholesterol	4.26	mmol/l	< 2.50
	Chol:HDL-chol ratio	4.14	.	< 5.00
	Diabetes			
	fasting glucose venous	4.9	mmol/l	3.5-6.0
	HbA1c in blood	33	mmol/mol	20-42
Endocrinology				
	Prolactin	187	mIU/l	74-411
	Saliva Cortisol:			
	Morning	23	nmol/l	13-24
	Mid day	9	nmol/l	5-10
	Afternoon	4	nmol/l	3-8
	Evening	3	nmol/l	1-4
	DHEA-S	5	ug/l	3-10
	DHT	1.96	nmol/l	0.32-1.64
	Aldosterone	401	pmol/l	133-749

	Estrone	46.3	ng/l	< 80
	Estradiol (17-beta-estradiol)	86.2	pmol/l	41.5-158.5
	Free T3	4.8	pmol/l	2.6-6.0
	Free T4	16	pmol/l	10.0-26.0
	TSH	1.7	mU/l	0.27-4.2
	Progesterone	1.2	nmol/l	0.2-0.5
	Testosterone	11.3	nmol/l	9-35
	SHBG	17	nmol/l	10-70
	Free Test index	0.68	index	0.2-1.0
	DHEA-sulphate	11.7	umol/l	2.0-16.0
	Insulin	13	mIU/l	< 39
Vitamins				
	25-OH vit. D	39	nmol/l	> 50
	Vit. B1	134	nmol/l	85-175
	Vit. B6	144	nmol/l	59-179
	Vit. B12	307	pmol/l	130-700
Elements in blood				
	Sodium	1843	mg/l	1820-2050
	Potassium	1878	mg/l	1670-1970
	Calcium	56.8	mg/l	48.0-61.0
	Magnesium	41.3	mg/l	34.0-48.0
	Zinc	6.1	mg/l	5.3-6.5
	Copper	0.8	mg/l	0.8-1.3
	Selenium	0.132	mg/l	0.120-0.410
Elements in serum				
	Sodium	3075	mg/l	3110-3340
	Potassium	163	mg/l	144-188
	Calcium	93	mg/l	87-106
	Magnesium	21.3	mg/l	19.0-24.0
	Zinc	1	mg/l	0.8-1.4
	Copper	0.9	mg/l	0.7-1.4
Intracellular elements				
	Cel conc. Zinc	12.1	mg/l	10.5-13.7
	Cel conc Magnesium	64.8	mg/l	52.0-80.0
	Cel conc Copper	0.8	mg/l	0.7-1.3
	Cel conc Sodium	397	mg/l	<= 655
	Cel conc Potassium	3891	mg/l	3350-4500
	Zinc/Copper	15.6	ratio	9.0-16.0
Urine analysis				
	Volume 24h.	2600	ml	600-2500
	Volume amino analysis	2600	ml	600-2500
Elements in urine				
	Sodium	5777	mg/24u	1380-2362
	Potassium	3669	mg/24u	4700-7000

	Calcium	460	mg/24u	57-235
	Magnesium	107	mg/24u	46-162
	Iron	<1	ug/24u	2.0-9.0
	Zinc	0.21	mg/24u	0.09-0.64
	Copper	8	ug/24u	4-18
	Selenium	26	ug/24u	22.5-240.0
Amino acids in 24h urine				
	Threonine	256	umol/24u	83-321
	Valine	88	umol/24u	10-54
	Methionine	36	umol/24u	16-62
	Isoleucine	35	umol/24u	5-33
	Leucine	91	umol/24u	11-51
	Phenylalanine	80	umol/24u	31-95
	Lysine	234	umol/24u	76-336
	Histidine	1893	umol/24u	103-1207
	Tryptophan	41	umol/24u	31-101
	Aspartic acid	120	umol/24u	29-149
	Serine	671	umol/24u	132-580
	Asparagine	189	umol/24u	66-306
	Glutamic acid	29	umol/24u	10-58
	Glutamine	823	umol/24u	109-551
	Proline	3	umol/24u	0-35
	Glycine	1486	umol/24u	380-2432
	Alanine	660	umol/24u	141-491
	Cystine	62	umol/24u	21-83
	Tyrosine	170	umol/24u	40-168
	Arginine	42	umol/24u	7-39
	Phosphoserine	62	umol/24u	28-91
	Taurine	1308	umol/24u	220-1292
	Phosphoethanolamine	197	umol/24u	19-55
	Hydroxyproline	2	umol/24u	0-54
	Sarcosine	<1.0	umol/24u	0-2
	α-aminoadipic acid	21	umol/24u	9-51
	Citrulline	12	umol/24u	0-28
	α-aminobutyric acid	21	umol/24u	11-35
	Cystathione	36	umol/24u	15-75
	β-alanine	112	umol/24u	0-51
	β-aminoisobutyric acid	102	umol/24u	0-208
	Homocysteine	4	umol/24u	0-4
	Gamma-aminobutyric acid	3	umol/24u	7-35
	Ethanolamine	453	umol/24u	146-352
	Hydroxylysine	22	umol/24u	0-22

	Ornithine	24	umol/24u	6-38
	1-Methylhistidine	2691	umol/24u	128-392
	3-Methylhistidine	470	umol/24u	73-301
	Anserine	196	umol/24u	0-46
	Carnosine	45	umol/24u	0-98