

Biochemistry Data: Optimal High / Low Data

Client: Scott Rogan
 Date date: Date

Biochemistry Parameter		High	Low	Date	
				High	Optimal
Sodium	mmol/L	142	140		140
Potassium	mmol/L	4.8	4.4	5.3	
Chloride	mmol/L	104	100		102
Bicarbonate	mmol/L	27	23		26
Other Anions	mmol/L	15	8	17	
Glucose	mmol/L	5.16	4.16		4.1
Insulin		5	3		1.8
Urea	mmol/L	5	4.23	5.5	
Creatinine	mmol/L	0.097	0.07		0.09
Uric Acid	mmol/L	0.327	0.267		
Total Bilirubin	umol/L	13.68	11.97		8
Alk Phos	U/L	75	60		53
Gamma G.T.	U/L	30	15		13
ALT (SGPT)	U/L	25	16	53	
AST (SGOT)	U/L	25	15	94	
LDH	U/L	160	145	259	
Calcium	mmol/L	2.45	2.35		2.27
Phosphate	mmol/L	1.32	1.23	1.6	
Total Protein		72	71		71
Albumin	g/L	45	43		40
Globulin	g/L	24	22	31	
Cholesterol	mmol/L	5.05	4.6		4.1
HDL	mmol/L	1.55	1.16		1.2
LDL	mmol/L	2.97	2.33		2.7
Triglycerides	mmol/L	0.85	0.565		0.5
Hgb	g/L	150	140		142
RBC		5	4.8		4.6
Hct % (PCV)		45	42		
MCV	fL	95	90	100	
MCH	pg	32	28		31
MCHC	g/dL	36	32		29.8
RDW	%	13.5	12.5	16	
MPV		10	9.5		
Platelets		250	200	254	
WBC		6	5		4.3
Neutrophils %		65	60		62%

Total count Neut.		5.5	4			2.7
Lymphocytes %		40	30		33%	
Total count Lymp		3	2			1.4
Monocytes %		5	4			2%
Total count Mono		0.4	0.1		0.1	
Eosinophils %		2	0			
Total count Eosi		0.4	0		0	
Basophils %		1	0			
Total Basophils						
Serum Iron	umol/L	17.7	14.3		16	
TIBC		62	53			50
% Transferrin Sat'n	%	34	30		32%	
Ferritin	ug/L	190	78.6		125	
ANA		0	0		negative	
VLDL		0.45	0.05			
CK	U/L	120	100	2433		
hsCRP		0.4	0	5.8		
G6PD		13.5	12	18.7		
Vit D3		150	100			
TSH		2.3	0.8		1.05	
Total T4		129	103			
Cortisol		413.85	303.5		336	
DHEA-S		12	4			3.6
Venous blood pH						
IgA		1.5	1			0.98
IgG		12	10		10.34	
IgM		1	0.7	1.31		
IgE		100	30			14
B2M-U		0.3	0			
B2M-S		1.5	0.3	2.1		
RBC Porphyrin		800	0			
Urine Porphyrin		50	0			
Urine SP gravity		1.022	1.019			1.013
Urine Glucose		0	0			
Urine Protein		0	0			
Urine pH		6.2	7			6
Saliva pH		7	7.5			
Urine Bilirubin		0	0.1			
Urine Blood		0	0.1	1.4		
Urine Colour		0	0			
Urine Ketones		0.1	0			
Urine Leuc. Ester		0.009	0			
Urine Micro yeast		0.009	0			
Urine Micro Bact		0.1	0			

Urine Micro Casts	0.009	0		
Urine Micro Cryst	0.1	0		
Urine Micro Epith	1	0		
Urine Micro Trich	0.1	0		
Urine Micr WBC's	0.1	0		0.3
Urobilinogen	0.01	0		
Nitrite	0.1	0		
A/G ratio	2.2	1.8		1.29
Na/Cl ratio	1.49	1.4		1.37
Cl/Phos ratio	30	27		
Chol / HDL ratio	4	3		3.42
BUN / Creat. ratio	114.5	52.72		
Ca/Alb ratio	2.3	2.1		
Ttl Prtn/Glob ratio	2.6 min	3.2	2.9	2.29
Ttl Prtn/Glob ratio	1.69	1.5	1.77	
FCE risk index	0.7	0.1		
Inflammation Index	7	4		2.33
Weight				
Hip				
Waist				