



Blood Chemistry Report (Men)

Name _____ Date _____

Marker	Value	(FR Low)	(FR High)	Functional Range	(LR Low)	(LR High)	Lab Range		
Glucose		75	90	75 – 90	65	99	65	-	99
Hemoglobin A1c		4.8	5.4	4.4 – 5.4	4.8	5.6	4.8	-	5.6
Uric acid		3.7	6	3.7 – 6	3.7	8.6	3.7	-	8.6
BUN		13	18	13 – 18	6	24	6	-	24
Creatinine		0.85	1.1	0.85 – 1.1	0.76	1.27	0.76	-	1.27
BUN/Creatinine Ratio		8	19	8 – 19	8	19	8	-	19
Sodium		135	140	135 – 140	134	144	134	-	144
Potassium		4.0	4.5	4.0 – 4.5	3.5	5.2	3.5	-	5.2
Chloride		100	106	100 – 106	97	108	97	-	108
CO2		25	30	25 – 30	18	29	18	-	29
Calcium		9.2	10.1	9.2 – 10.1	8.7	10.2	8.7	-	10.2
Phosphorus		3.5	4	3.5 – 4.0	2.5	4.5	2.5	-	4.5
Magnesium		2.0	2.6	2.0 – 2.6	1.6	2.3	1.6	-	2.3



Protein, total		6.9	7.4	6.9 – 7.4	6.0	8.5	6.0	-	8.5
Albumin		4	5	4.0 – 5.0	3.5	5.5	3.5	-	5.5
Globulin		2.4	2.8	2.4 – 2.8	1.5	4.5	1.5	-	4.5
A/G ratio		1.5	2	1.5 – 2.0	1.1	2.5	1.1	-	2.5
Bilirubin, total		0.1	1.2	0.1 – 1.2	0.0	1.2	0.0	-	1.2
Alkaline phosphatase		42	107	42 – 107	39	117	39	-	117
LDH		140	180	140 – 180	121	224	121	-	224
AST		10	30	10 – 30	0	40	0	-	40
ALT		10	29	10 – 29	0	44	0	-	44
GGT		0	40	0 – 40	0	65	0	-	65
TIBC		275	425	275 – 425	250	450	250	-	450
UIBC		175	350	175 – 350	150	375	150	-	375
Iron		40	135	40 – 135	40	155	40	-	155
Iron saturation		17	45	17 – 45	15	55	15	-	55
Ferritin		30	100	30 – 100	30	400	30	-	400
Vitamin B-12		450	2000	450 – 2000	211	946	211	-	946
Vitamin D, 25-hydroxy		35	60	35 – 60	30.0	100.0	30.0	-	100.0



Cholesterol, total		150	240	150 – 240	100	199	100	-	199
Triglycerides		50	100	50 – 100	0	149	0	-	149
HDL		55	85	55 – 85		40		>	39
LDL		0	175	0 – 175	0	99	0	-	99
T. Chol / HDL Ratio			3	< 3	0	5	0	-	5.0
Triglycerides / HDL Ratio			2	< 2		3.8		<	3.8
CRP-hs			1.0	< 1.0	0.00	3.00	0.00	-	3.00
Homocysteine			7.0	< 7.0	0.00	15.0	0.0	-	15.0
TSH		0.5	2.5	0.5 – 2.5	0.45	4.5	0.5	-	4.5
T4, total		6	12.0	6.0 – 12	4.50	12.0	4.5	-	12.0
T3 Uptake		30	38.0	30 – 38	24.00	39.0	24.0	-	39.0
T3, Total		100	180.0	100 – 180	71.00	180.0	71.0	-	180.0
T3, Free		2.5	4.0	2.5 – 4.0	2.00	4.4	2.0	-	4.4
T4, Free		1	1.5	1 – 1.5	0.82	1.8	0.8	-	1.8
Thyroid – TPO Ab					0.00	34.0	0.0	-	34.0
Thyroid – TGA					0.00	0.9	0.0	-	0.9
Copper					72.00	166.0	72.0	-	166.0



Zinc					56.00	134.0	56.0	-	134.0
Zinc / Copper Ratio			0.9	> 0.85					
Serum Methylmalonic Acid (MMA)		0	325.0	0 – 325	0.00	378.0	0.0	-	378.0
WBC		5.0	8.0	5.0 – 8.0	3.40	10.8	3.4	-	10.8
RBC		4.4	4.9	4.4 – 4.9	4.14	5.8	4.1	-	5.8
Hemoglobin		14	15	14 – 15	12.60	17.7	12.6	-	17.7
Hematocrit		40	48.0	40 – 48	37.50	51.0	37.5	-	51.0
MCV		85	92.0	85 – 92	79.00	97.0	79.0	-	97.0
MCH		27.7	32.0	27.7 – 32.0	26.60	33.0	26.6	-	33.0
MCHC		32	35.0	32 – 35	31.50	35.7	31.5	-	35.7
RDW		11.5	15.0	11.5 – 15.0	12.30	15.4	12.3	-	15.4
Platelets		150	415.0	150 – 415	150.00	379.0	150.0	-	379.0
Neutrophils		40	60.0	40 – 60					
Lymphocytes		25	40.0	25 – 40					
Monocytes		4.0	7.0	4.0 – 7.0					
Eosinophils		0.0	3.0	0.0 – 3.0					
Basophils		0.0	3.0	0.0 – 3.0					