

# Blood Chemistry Report (Men)

Name \_\_\_\_\_

Date \_\_\_\_\_

Marker	Value	Functional Range		Lab Range	
		Low	High	Low	High
Glucose (mg/dL)		75	85	65	99
Hemoglobin A1c (%)		4.6	5.3	4.8	5.6
Fasting Insulin		3.0	7.0	2.6	24.9
Uric Acid (mg/dL)		3.7	6.0	3.7	8.6
BUN (mg/dL)		13	18	6	24
Creatinine (mg/dL)		0.85	1.1	0.76	1.27
BUN/Creatinine Ratio		8	19	8	19
eGFR if Non-African American (mL/min/1.73)				60	
eGFR if African American (mL/min/1.73)				60	
Sodium (nmol/L)		135	140	134	144
Potassium (nmol/L)		4.0	4.5	3.5	5.2
Chloride		100	106	97	108
CO2 (mmol/L)		25	30	18	29
Calcium (mg/dL)		9.2	10.1	8.7	10.2
Parathyroid Hormone, Intact		15	60	15	65
Phosphorus (mg/dL)		3.0	4.0	2.5	4.5
Magnesium (mg/dL)		2.0	2.6	1.6	2.3
Protein, total (g/dL)		6.9	7.4	6.0	8.5
Albumin (g/dL)		4.0	5.0	3.5	5.5

Marker	Value	Functional Range		Lab Range	
		Low	High	Low	High
Globulin (g/dL)		2.4	2.8	1.5	4.5
A/G ratio		1.5	2.0	1.1	2.5
Bilirubin, total (mg/dL)		0.1	1.2	0.0	1.2
Alkaline Phosphatase (IU/L)		42	107	39	117
LDH (IU/L)		140	180	121	224
AST (IU/L)		0	25	0	40
ALT (IU/L)		0	26	0	44
GGT (IU/L)		0	29	0	65
TIBC (µg/dL)		275	425	250	450
UIBC (µg/dL)		175	350	150	375
Iron (µg/dL)		40	135	40	155
Iron saturation (%)		17	45	15	55
Ferritin (ng/mL)		30	200	30	400
Vitamin B-12 (pg/mL)		450	2000	211	946
Folate, Serum (µg/L)		8.0		3.1	
Calcitriol (1,25 di-OH Vitamin D)		19.9	79.3	19.9	79.3
Vitamin D, 25-hydroxy (ng/mL)		35	60	30.0	100.0
Cholesterol, total (mg/dL)		150	220	100	199
Triglycerides (mg/dL)		50	100	0	149
HDL (mg/dL)		55	85	40	
LDL (mg/dL)		0	140	0	99
T. Chol / HDL Ratio			3	0	5
Triglycerides / HDL Ratio			2		3.8

Marker	Value	Functional Range		Lab Range	
		Low	High	Low	High
CRP-hs (mg/L)			1.0	0.00	3.00
Homocysteine ( $\mu$ mol/L)			7.0	0.00	15.0
TSH ( $\mu$ IU/mL)		0.5	2.0	0.450	4.50
T4, total ( $\mu$ g/dL)		6	12	4.5	12
T3 Uptake (%)		30	38	24	39
T3, Total (ng/dL)		100	180	71	180
T3, Free (pg/mL)		2.5	4.0	2	4.4
T4, Free (ng/dL)		1.0	1.5	0.82	1.77
Reverse T3 (ng/dL)		9	21	9.2	24.1
Thyroid – TPO Ab (IU/mL)				0	34
Thyroid – TGA (IU/mL)				0	0.9
Copper ( $\mu$ g/dL)		81	157	72	166
Zinc ( $\mu$ g/dL)		64	126	56	134
Zinc / Copper Ratio		0.85	1.2		
Serum Methylmalonic Acid (MMA) (nmol/L)			300	0	378
WBC ( $\times 10^3/\mu$ L)		5.0	8.0	3.4	10.8
RBC ( $\times 10^6/\mu$ L)		4.4	4.9	4.14	5.8
Hemoglobin (g/dL)		14	15	12.6	17.7
Hematocrit (%)		40	48	37.5	51.0
MCV (fL)		85	92	79	97
MCH (pg/cell)		27.7	32.0	26.6	33.0
MCHC (g/dL)		32	35	31.5	35.7
RDW (%)		11.5	15.0	12.3	15.4

Marker	Value	Functional Range		Lab Range	
		Low	High	Low	High
Platelets (x 10 <sup>3</sup> /μL)		150	379	150	379
Neutrophils (%)		40	60		
Lymphocytes (%)		25	40		
Monocytes (%)		4.0	7.0		
Eosinophils (%)		0.0	3.0		
Basophils (%)		0.0	3.0		

Prepared \_\_\_\_\_