

Functional Health Report

Your blood tells a story and your genes are not your destiny. Bloodwork or Labwork is an important piece to a wellness plan for healing. What is revealed or illuminated in the blood can help guide us along the path of personalized healing. A bloodwork interpretation includes identifying nutrient deficiencies, hormonal and system imbalances, and patterns in the blood, like inflammation. The blood provides a profound opportunity to fill the gaps, nourish the cells, and recalibrate the organ systems. This is about root cause resolution with a Functional Health Report.

JANE DOE
37 year old Female - Born Dec 20, 1982
Lab Test on Feb 06, 2020

Blood Test Results Report

The Blood Test Results Report lists the results of the patient's Chemistry Screen and CBC and shows you whether or not an individual element is outside of the optimal range and/or outside of the clinical lab range. The elements appear in the order in which they appear on the lab test form.

Element	Current	Previous	Impr	Optimal Range	Standard Range	Units
Glucose	87.00	97.00	↑	72.00 - 90.00	65.00 - 99.00	mg/dL
Hemoglobin A1C	5.30	5.20		5.00 - 5.50	0.00 - 5.60	%
Insulin - Fasting	6.50	10.70	↑	2.00 - 5.00	2.00 - 19.00	µU/ml
BUN	17.00	21.00	↑	10.00 - 16.00	7.00 - 25.00	mg/dL
Creatinine	0.70	0.70		0.80 - 1.10	0.40 - 1.35	mg/dL
BUN/Creatinine Ratio	24.30	30.00	↑	10.00 - 16.00	6.00 - 22.00	Ratio
Sodium	141.00	140.00		135.00 - 142.00	135.00 - 146.00	mEq/L
Potassium	3.80	3.80		4.00 - 4.50	3.50 - 5.30	mEq/L
Sodium/Potassium Ratio	37.10	36.84	↑	30.00 - 35.00	30.00 - 35.00	ratio
Chloride	105.00	104.00		100.00 - 106.00	98.00 - 110.00	mEq/L
CO2	30.00	27.00		25.00 - 30.00	19.00 - 30.00	mEq/L
Anion gap	9.80	12.80	↑	7.00 - 12.00	6.00 - 16.00	mEq/L
Uric Acid, female	4.60	4.20		3.00 - 5.50	2.50 - 7.00	mg/dL
Protein, total	7.10	7.20		6.90 - 7.40	6.10 - 8.10	g/dL
Albumin	4.50	4.50		4.00 - 5.00	3.60 - 5.10	g/dL
Globulin, total	2.60	2.70		2.40 - 2.80	2.00 - 3.50	g/dL
Albumin/Globulin Ratio	1.70	1.70		1.40 - 2.10	1.00 - 2.50	ratio
Calcium	9.20	9.20		9.40 - 10.10	8.60 - 10.40	mg/dL
Calcium/Albumin Ratio	2.04	2.04		0.00 - 2.60	0.00 - 2.70	ratio
Alk Phos	62.00	59.00	↓	70.00 - 100.00	35.00 - 115.00	IU/L
AST (SGOT)	17.00	15.00		10.00 - 26.00	10.00 - 35.00	IU/L
ALT (SGPT)	14.00	14.00		10.00 - 26.00	6.00 - 29.00	IU/L
LDH	114.00	123.00	↓	140.00 - 200.00	120.00 - 250.00	IU/L
Bilirubin - Total	0.40	0.60		0.10 - 0.90	0.20 - 1.20	mg/dL
GGT	13.00	13.00		10.00 - 30.00	3.00 - 70.00	IU/L
Iron - Serum	58.00	64.00	↓	85.00 - 130.00	40.00 - 160.00	µg/dL
Ferritin	45.50	38.10	↓	40.00 - 150.00	10.00 - 232.00	ng/mL

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For Enroot Wellness to generate a Functional Health Report, an array of biomarkers are needed from these 7 categories:

- 1 **Complete Blood Count (CBC) With Differential (005009)**
- 2 **Comprehensive Metabolic Panel (CMP-14) (322000)**
- 3 **Lipid Panel (ONE OF THE FOLLOWING)***
- 4 **Ferritin + Iron + Total Iron-binding Capacity (TIBC) (324741)**
OR
Ferritin (004598) + Iron (001339)
OR
Ferritin (004598) + Iron and Total Iron-binding Capacity (TIBC) (001321)
- 5 **Hemoglobin (Hb) A1c (ONE OF THE FOLLOWING)****
- 6 **Magnesium (001537) OR Magnesium, RBC (080283)**
Mg RBC has been shown to give a more accurate status
- 7 **TSH (ONE OF THE FOLLOWING)*****

*** ONE OF THE FOLLOWING:**

Lipid Cascade With Reflex to Apolipoprotein B* (363676)
Lipid Cascade With Reflex to Lipoprotein Particle Assessment by NMR (With Graph)* (I23836) Lipid Cascade With Reflex to Lipoprotein Particle Assessment by NMR (Without Graph)* (361946)
Lipid Panel (303756)
Lipid Panel + VLDL + Non-HDL Cholesterol + TC/HDL Ratio (346644)
Lipid Panel + VLDL + TC/HDL Ratio + LDL/HDL Ratio + CHD Risk (004580)
Lipid Panel + VLDL + TC/HDL Ratio + LDL/HDL Ratio With Reflex to Direct LDL* (367972)
Lipid Panel With LDL:HDL Ratio (235010)

Lipid Panel With Total Cholesterol:HDL Ratio (221010)

Lipid Profile With Non-HDL Cholesterol (343925)

Lipid Profile, Fasting, Pediatric (373632)

Lipid Profile, Nonfasting, Pediatric (373634)

NMR LipoProfile® (With Graph) (I23810)

NMR LipoProfile® (Without Graph) (884247)

NMR LipoProfile® With Insulin Resistance Markers (With Graph) (I23638)

NMR LipoProfile® With Insulin Resistance Markers (Without Graph) (884000)

**** ONE OF THE FOLLOWING:**

Hemoglobin A1c (HbA1c) (001453)

Hemoglobin (Hb) A1c With eAG (I02525)

GlycoMark® and Hemoglobin A1c (502226)

Hemoglobin (Hb) A1c With GlycoMark® (503205)

***** ONE OF THE FOLLOWING:**

Thyroid-stimulating Hormone (TSH) (004259)

Thyroid Cascade Profile* (330015)

Thyroid Profile II, Comprehensive (027011)

Thyroid Profile with TSH (000620)

TSH and Free T4 (224576)

TSH in Pregnancy (004593)

TSH with Reflex to Free T4* (349829)

Thyroxine (T4) and TSH (024026)