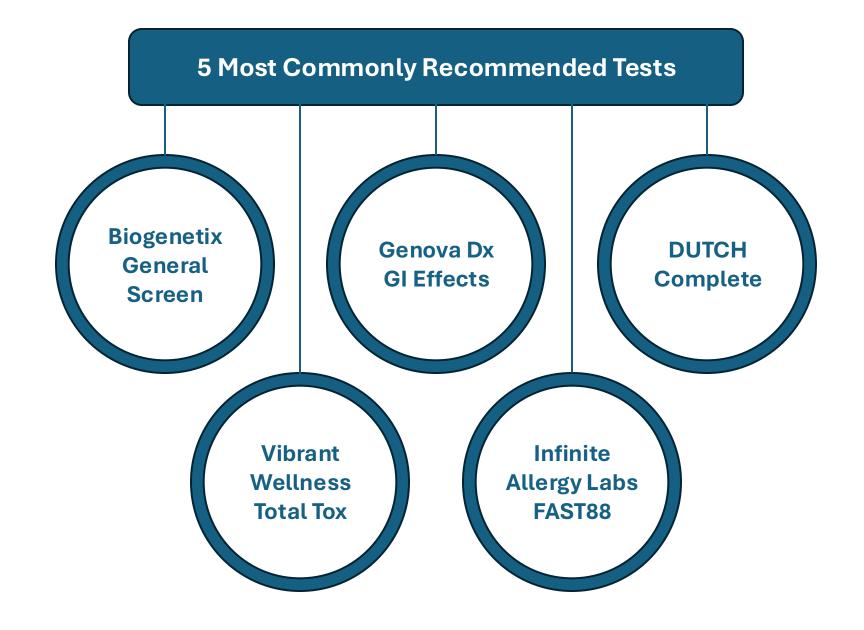
Casual Friday Series

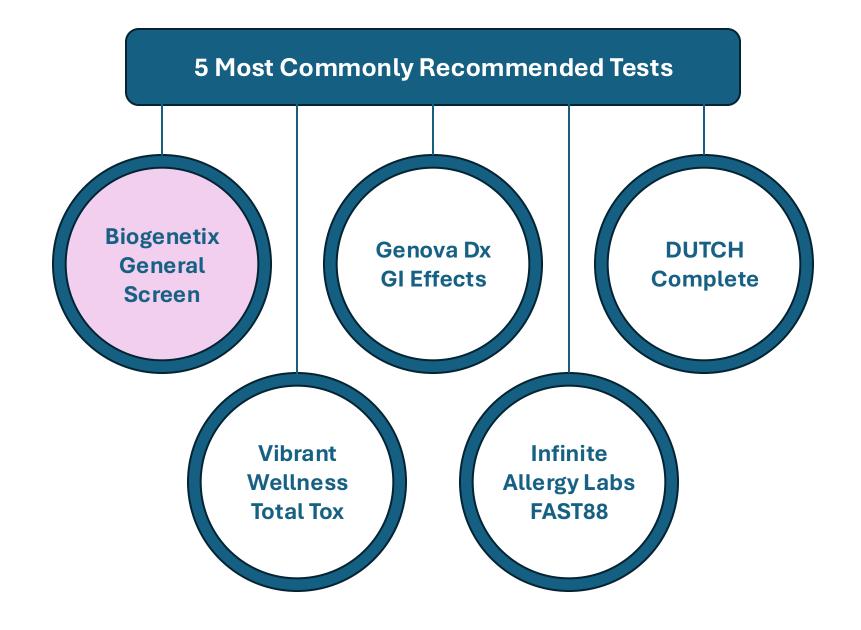
Blood Test Applications

A BIOGENETIX CLINICAL PRESENTATION biogenetix.com













BIOGENETIX GENERAL SCREEN

DESCRIPTION TESTS INCLUDED COLLECTION DETAILS

Clinician Pricing: \$149.00

Turnaround Time:

CPT Codes: 86141, 85025, 80053, 83550, 83540, 82728, 85384, 82977, 83036, 83090, 83615, 80061, 83735, 84100, 86376, 86800, 84436, 84479, 84443, 84480, 81001. If reflex testing is performed, concomitant CPT codes/charges will apply., 82306

Stability:

Overview: BIOGENETIX GENERAL SCREEN



----> EvexiaDiagnostics.com

Test Code	Test Name
005009	Complete Blood Count (CBC) With Differential
322000	Comprehensive Metabolic Panel (CMP-14)
120766	C-Reactive Protein (CRP), High Sensitivity (Cardiac Risk Assessment)
324741	Ferritin + Iron + Total Iron-binding Capacity (TIBC)
001610	Fibrinogen Activity (Factor I Activity)
001958	Gamma-Glutamyl Transferase (GGT)
102525	Hemoglobin (Hb) A1c With eAG
706994	Homocysteine
001115	Lactic Acid Dehydrogenase (LD / LDH)
346644	Lipid Panel + VLDL + Non-HDL Cholesterol + TC/HDL Ratio
001537	Magnesium
001024	Phosphorus
006684	<u>Thyroid Antibodies (Thyroglobulin Antibody + Thyroid Peroxidase (TPO)</u> <u>Antibody)</u>
000620	Thyroid Profile With TSH
002188	Triiodothyronine (T3)
377200	Urinalysis, Complete w/ Micro. Exam (Reflex to Urine Culture, Comp)*
081950	Vitamin D, 25-Hydroxy



Q Individual Tests

AVAILABLE TESTS

Show 25 v entries Search: cbc, 303754 or carbon d				
Test Name		СРТ 🔶	Price	÷
11-Deoxycortisol, LC/MS-MS (500171)			\$80.00	☆
14.3.3 eta, Rheumatoid Arthritis (504550)			\$150.00	☆
17-Hydroxypregnenolone, LC/MS-MS (140715)			\$40.00	☆
17-OH Progesterone, LC/MS (070085)			\$30.00	☆
17-OH Progesterone, LC/MS, 02 Specimens (070037)			\$60.00	☆
17-OH Progesterone, LC/MS, 03 Specimens (070078)			\$90.00	☆
17-OH Progesterone/Creatinine Ratio, 24-Hour Urine (070315)			\$37.00	☆
17-OH Progesterone/Creatinine Ratio, Random Urine (070340)			\$37.00	☆



Common Additions:

- Insulin
- C Peptide
- Diabetes antibodies: GAD65 Ab, Insulin Ab, Islet Cell Ab
- Hormones: Testosterone (t/free), DHT, Estrogens, Progesterone etc.
- HLA DRDQ
- Rheumatoid Factor
- ANA w/pattern interpretation
- CCP Ab (Cyclic Citrullinated Peptide Ab)



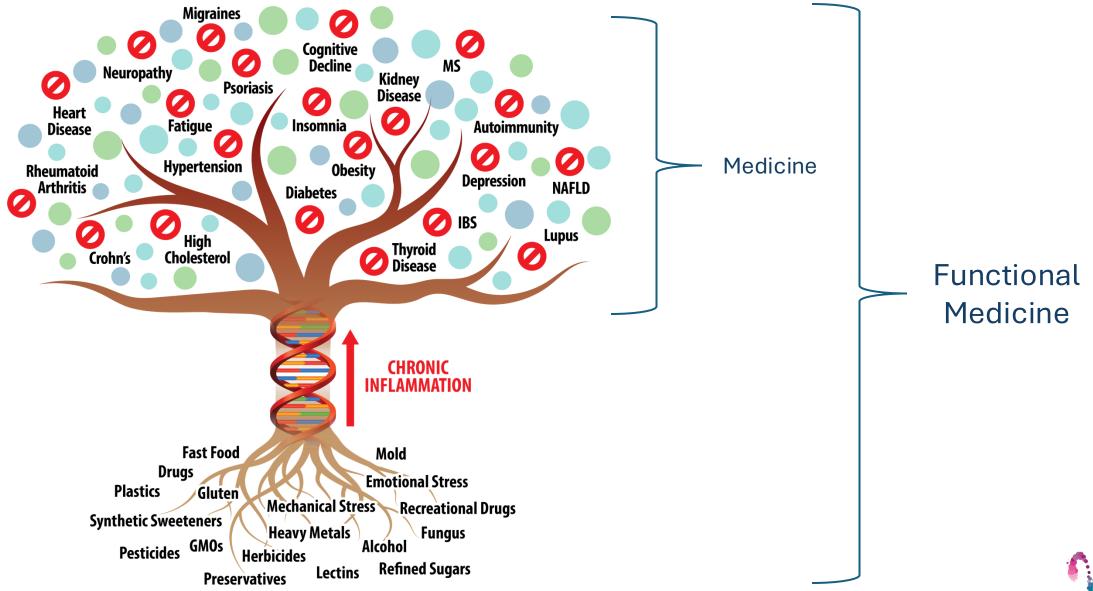
The Purpose of Functional Blood Chemistry



Narrative Formation:

- The Perfect Story Karen Eber
- Tell to Win Peter Guber







Narrative Requires that you answer 3 primary questions:

1. What is going on?



Narrative Requires that you answer 3 primary questions:

What is going on?
 Why is it happening?



Narrative Requires that you answer 3 primary questions:

What is going on?
 Why is it happening?
 What do I do about it?



The Functional Model



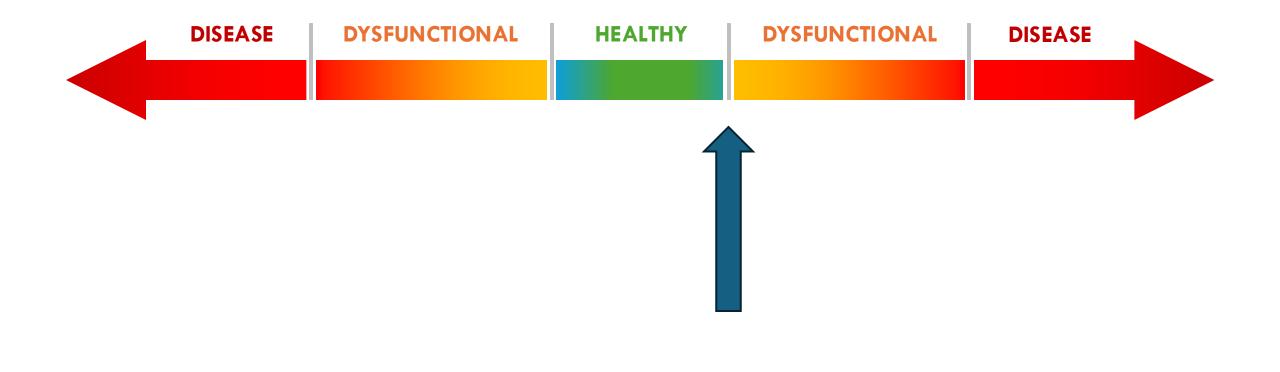


















*Functional Lab range worksheet.

----> email your Biogenetix rep.



CBC With Differential/Platelet

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interva
WBC ⁰¹	6.7		x10E3/uL	3.4-10.8
RBC ⁰¹	4.45		x10E6/uL	3.77-5.28
Hemoglobin °1	12.6		g/dL	11.1-15.9
Hematocrit ⁰¹	39.3		%	34.0-46.6
MCV ⁰¹	88		fL	79-97
MCH 01	28.3		Pg	26.6-33.0
MCHC 01	32.1		g/dL	31.5-35.7
RDW ⁰¹	12.5		%	11.7-15.4
Platelets 01	238		x10E3/uL	150-450
Neutrophils ⁰¹	57		%	Not Estab.
Lymphs ⁰¹	34		%	Not Estab.
Monocytes ⁰¹	6		%	Not Estab.
Eos ⁰¹	2		%	Not Estab.
Basos ⁰¹	0		%	Not Estab.
Neutrophils (Absolute) 01	3.8		x10E3/uL	1.4-7.0
Lymphs (Absolute) 01	2.3		x10E3/uL	0.7-3.1
Monocytes(Absolute) ⁰¹	0.4		x10E3/uL	0.1-0.9
Eos (Absolute) 01	0.1		x10E3/uL	0.0-0.4
Baso (Absolute) 01	0.0		x10E3/uL	0.0-0.2
Immature Granulocytes ⁰¹	1		%	Not Estab.
Immature Grans (Abs) 01	0.0		x10E3/uL	0.0-0.1



LP+Chol/HDL+LDL/HDL+CHD Risk

Test	Current R	esult and Flag	Previous Result and Date	Units	Reference Interval
Lipids 01					
Cholesterol, Total ⁰¹	190			mg/dL	100-199
▲ Triglycerides ⁰¹	196	High		mg/dL	0-149
HDL Cholesterol ⁰¹	36	Low		mg/dL	>39
VLDL Cholesterol Cal	35			mg/dL	5-40
LDL Chol Calc (NIH)	119	High		mg/dL	0-99
T. Chol/HDL Ratio	5.3	High		ratio	0.0-4.4
Please Note: 01				Men Women 3.4 3.3 5.0 4.4 9.6 7.1	
Estimated CHD Risk	1.4	factors affec	is based on the T. Chol/HDL rat t CHD Risk such as hypertensior ere obesity, and family history 9.	, smoking,	0.0-1.0
LDL/HDL Ratio	3.3	High		ratio	0.0-3.2
Please Note: 01					

Comp. Metabolic Panel (14)

	Test	Current Resu	t and Flag	Previous Result and Date	Units	Reference Interval
	Glucose ⁰¹	166	High		mg/dL	70-99
	BUN 01	17			mg/dL	6-24
	Creatinine ⁰¹	0.76			mg/dL	0.57-1.00
	eGFR	91			mL/min/1.73	>59
	BUN/Creatinine Ratio	22				9-23
	Sodium ⁰¹	138			mmol/L	134-144
	Potassium °1	4.2			mmol/L	3.5-5.2
	Chloride ⁰¹	100			mmol/L	96-106
	Carbon Dioxide, Total 01	23			mmol/L	20-29
_	Calcium ⁰¹	9.2			mg/dL	8.7-10.2

Comp. Metabolic Panel (14) (Cont.)

Protein, Total ^{☉1}	7.0		g/dL	6.0-8.5
Albumin 01	4.5		g/dL	3.8-4.9
Globulin, Total	2.5		g/dL	1.5-4.5
Bilirubin, Total ⁰¹	0.4		mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	121		IU/L	44-121
AST (SGOT) 01	35		IU/L	0-40
ALT (SGPT) ⁰¹	58	High	IU/L	0-32

Urinalysis, Complete

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interva
Urinalysis Gross Exam ⁰¹				
Specific Gravity ⁰¹	1.009			1.005-1.030
pH ⁰¹	6.0			5.0-7.5
Urine-Color ⁰¹	Yellow			Yellow
Appearance ⁰¹	Clear			Clear
WBC Esterase ⁰¹	Negative			Negative
Protein ⁰¹	Negative			Negative/Trace
Glucose ⁰¹	Negative			Negative
Ketones ⁰¹	Negative			Negative
Occult Blood 01	Negative			Negative
Bilirubin®	Negative			Negative
Urobilinogen,Semi-Qn ⁰¹	0.2		mg/dL	0.2-1.0
Nitrite, Urine ⁰¹	Negative			Negative
Microscopic Examination ⁰¹	Microscopic follows if indic	ated.		
Microscopic Examination 01	Seebelow: Microscopic was indicated an	d was performed.		
WBC ⁰¹	0-5		/hpf	0-5
RBC ⁰¹	None seen		/hpf	0-2
Epithelial Cells (non renal) 01	0-10		/hpf	0 - 10
Casts ⁰¹	None seen		/lpf	None seen
Bacteria ⁰¹	None seen			None seen/Few



Thyroid Panel With TSH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
TSH ⁰¹	2.090		ulU/mL	0.450-4.500
Thyroxine (T4) 01	7.9		ug/dL	4.5-12.0
T3 Uptake 01	24		%	24-39
Free Thyroxine Index	1.9			1.2-4.9

Iron and TIBC

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Iron Bind.Cap.(TIBC)	410		ug/dL	250-450
UIBC 01	317		ug/dL	131-425
Iron 01	93		ug/dL	27-159
Iron Saturation	23		%	15-55

Hgb A1c with eAG Estimation

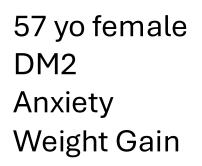
Test	Current Result ar	d Flag	Previous Result and Date	Units	Reference Interval
Hemoglobin A1c ⁰¹	7.8	High		%	4.8-5.6
Please Note: 01					
	Prediabet	es: 5.7 - 6.4			
	Diabetes:	>6.4			
	Glycemic	control for a	dults with diabetes: <7.0		
Estim. Avg Glu (eAG)	177			mg/dL	
sulin Antibodies					
Test	Current Result ar	d Flag	Previous Result and Date	Units	Reference Interva
Insulin Antibodies ⁰³	<5.0			uU/mL	
	This test is also	known as insu	lin autoantibody or IAA.		
			performance characteristi ot been cleared or approve		

Test	Current	Result and Flag	Previous Result and Date	Units	Reference Interval
Insulin Antibodies ⁰³	<5.0			uU/mL	
	This test is	also known as	insulin autoantibody or IAA.		
	This test was developed and its performance characteristics				
	determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.				
	Reference Ra	*			
	<5.0	Negative			
	> or = 5.0	Positive			



Magnesium

-				
Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Magnesium ⁰¹	2.1		mg/dL	1.6-2.3
Fibrinogen Activity				
Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Fibrinogen Activity 01	316		mg/dL	193-507
Progesterone				
Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Progesterone ⁰¹	0.2	Follicular phase Luteal phase Ovulation phase Pregnant First trimester Second trimester Third trimester Postmenopausal	ng/mL 0.1 - 0.9 1.8 - 23.9 0.1 - 12.0 11.0 - 44.3 25.4 - 83.3 58.7 - 214.0 0.0 - 0.1	
Insulin	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Test	44.0 High	Previous Result and Date	ulU/mL	2.6-24.9
	יייי איזי איזיי		dio/iiiL	2.0-24.5
Ferritin				
Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Ferritin ⁰¹	116		ng/mL	15-150
Reticulocyte Count				
Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Reticulocyte Count ⁰¹	2.3		%	0.6-2.6
Triiodothyronine (T3), Free				
Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
	earrent the barrent the			
Triiodothyronine (T3), Free ⁰¹	3.1		pg/mL	2.0-4.4
Triiodothyronine (T3), Free ^{o1} Antipancreatic Islet Cells			pg/mL	2.0-4.4
		Previous Result and Date	pg/mL Units	2.0-4.4 Reference Interval



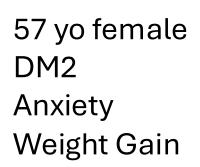


C-Reactive Protein, Cardiac

Test	Current Resu	t and Flag	Previous Result and Date	Units	Reference Inter-
C-Reactive Protein, Cardiac ⁰¹	4.62 High Relat		tive Risk for Future Cardiov Low Average High	mg/L /ascular Event <1.00 1.00 - 3.00 >3.00	0.00-3.00
GAD-65 Autoantibody					
Test	Current Resu	t and Flag	Previous Result and Date	Units	Reference Inter
▲ GAD-65 ⁰⁴	9.1	High		U/mL	0.0-5.0
Homocyst(e)ine					
Test	Current Resu	t and Flag	Previous Result and Date	Units	Reference Inter
Homocyst(e)ine	5.6			umol/L	0.0-14.5
Uric Acid					
Test	Current Resu	t and Flag	Previous Result and Date	Units	Reference Inter
Uric Acid ⁰¹	6.3			mg/dL	3.0-7.2
		The	erapeutic target for gout pa	itients: <6.0	
Phosphorus					
Test	Current Resu	t and Flag	Previous Result and Date	Units	Reference Inter
Phosphorus ⁰¹	3.0			mg/dL	3.0-4.3
LDH					
Test	Current Resu	t and Flag	Previous Result and Date	Units	Reference Inter
LDH 01	220			IU/L	119-226
GGT					
Test	Current Resu	t and Flag	Previous Result and Date	Units	Reference Inter
▲ GGT ⁰¹	62	High		IU/L	0-60
Thyroid Antibodies					
Test	Current Resu	t and Flag	Previous Result and Date	Units	Reference Inter
Thyroid Peroxidase (TPO) Ab ⁰¹	13			IU/mL	0-34
Thyroglobulin Antibody ⁰¹	1.8	High		IU/mL	0.0-0.9
	It should be no may not be path	ted that the p ogenic nor dia	red by Beckman Coulter Metho presence of thyroglobulin ar agnostic, especially at very er has found that four perce	tibodies / low	

individuals without evidence of thyroid disease or autoimmunity

will have positive TgAb levels up to 4 IU/mL.





DHEA-Sulfate

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval	
DHEA-Sulfate 01	132.0		ug/dL	29.4-220.5	-
Estradiol					
Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval	
Estradiol º1	<5.0 Roche ECLIA methodology	Adult Female Follicular phase Ovulation phase Luteal phase Postmenopausal Pregnancy 1st trimester	pg/mL Range 12.5 - 166.0 85.8 - 498.0 43.8 - 211.0 <6.0 - 54.7 215.0 - >4300.0		-
C-Peptide, Serum					-
Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval	
					-
C-Peptide, Serum ⁰¹	6.8 High C-Peptide reference interval	is for fasting patients.	ng/mL	1.1-4.4	-
 C-Peptide, Serum⁰¹ Testosterone, Total, LC/M Test 	C-Peptide reference interval	is for fasting patients. Previous Result and Date	ng/mL	1.1-4.4 Reference Interval	-
Testosterone, Total, LC/M	C-Peptide reference interval	Previous Result and Date its performance characteris s not been cleared or appro	Units ng/dL stics		-
Testosterone, Total, LC/M	C-Peptide reference interval Current Result and Flag 29 This test was developed and in determined by Labcorp. It has by the Food and Drug Administ Reference Range: Adult Females Premenopausal 10 - 55	Previous Result and Date its performance characteris s not been cleared or appro	Units ng/dL stics		-
Test Test Testosterone, Total, LC/MS ⁰³	C-Peptide reference interval Current Result and Flag 29 This test was developed and in determined by Labcorp. It has by the Food and Drug Administ Reference Range: Adult Females Premenopausal 10 - 55	Previous Result and Date its performance characteris s not been cleared or appro	Units ng/dL stics		-
Testosterone, Total, LC/M Test Testosterone, Total, LC/MS ⁰³ Reverse T3, Serum	C-Peptide reference interval Current Result and Flag 29 This test was developed and in determined by Labcorp. It has by the Food and Drug Administ Reference Range: Adult Females Premenopausal 10 - 55 Postmenopausal 7 - 40	Previous Result and Date its performance characteris s not been cleared or appro tration.	Units ng/dL stics oved	Reference Interval	-
Testosterone, Total, LC/M Test Testosterone, Total, LC/MS ⁰³ Reverse T3, Serum Test	C-Peptide reference interval Current Result and Flag 29 This test was developed and is determined by Labcorp. It has by the Food and Drug Administ Reference Range: Adult Females Premenopausal 10 - 55 Postmenopausal 7 - 40 Current Result and Flag	Previous Result and Date its performance characteris s not been cleared or appro tration.	Units ng/dL stics oved Units	Reference Interval	

57 yo female DM2 Anxiety Weight Gain

