19516220 (410) 312-5280
Turning Point Integrative Health Center
10005 Old Columbia Rd Suite P170
Columbia MD 21046

LABORATORY REPORT

LabCorp
Laboratory Corporation of America

LabCorp Burlington
1447 York Court, Burlington NC 272153361
(888) 200-5439 Director: DIRECTOR: Frank Hancock MD
CLIA# BN

Patient Name						
MITCHELL, JASON						
Patient ID/Hospital ID	Sex	Age	Patient Birth Date	Patient Phone Number	Physician	
0000	**M**	**56**	**9/7/1970**	**(410) 921-0272**	**Sivieri, Mark**	
Page	Requisition No.	Accession No.	Collection Date & Time	Log-in Date & Time	Report Date & Time	REPORT STATUS
1	**20507213035**	**27388712620**	**9/30/2026 4:12 PM**	**9/30/2026**	**10/4/2026 4:08 PM**	**FINAL**

TEST	IN RANGE	OUT OF RANGE	REFERENCE RANGE	UNITS	SITE CODE
COMMENT:					
PATIENT NOT FASTING Test(s) 001586-Copper, Serum or Plasma; 080283-Magnesium, RBC was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.					
Comp. Metabolic Panel (14)					
Glucose		**H 112**	**70-99**	**mg/dL**	**BN**
BUN		**H 25**	**6-24**	**mg/dL**	**BN**
Creatinine	0.87		0.76-1.27	mg/dL	BN
eGFR	101		>59	mL/min/1.73	BN
BUN/Creatinine Ratio		**H 29**	**9-20**		**BN**
Sodium	136		134-144	mmol/L	BN
Potassium	4.0		3.5-5.2	mmol/L	BN
Chloride	99		96-106	mmol/L	BN
Carbon Dioxide, Total	23		20-29	mmol/L	BN
Calcium	9.0		8.7-10.2	mg/dL	BN
Protein, Total	6.6		6.0-8.5	g/dL	BN
Albumin	4.0		3.8-4.9	g/dL	BN
Globulin, Total	2.6		1.5-4.5	g/dL	BN
Bilirubin, Total	0.2		0.0-1.2	mg/dL	BN
Alkaline Phosphatase	77		47-123	IU/L	BN
AST (SGOT)	20		0-40	IU/L	BN
ALT (SGPT)	20		0-44	IU/L	BN
Cytokine Panel					
Interleukin 2	<2.1		<=2.1	pg/mL	Y8
Interleukin 2 Rec (CD25), Solu	782.2		353.5-1019.8	pg/mL	Y8
Interleukin 12	<1.9		<=2.6	pg/mL	Y8
Interferon gamma	<4.2		<=5.8	pg/mL	Y8
Interleukin 4	<2.2		<=2.2	pg/mL	Y8
Interleukin 5	<2.1		<=2.1	pg/mL	Y8
Interleukin 10	3.1		<=6.0	pg/mL	Y8
Interleukin 13		**H 8.5**	**<=7.8**	**pg/mL**	**Y8**
Interleukin 1 beta	<6.5		<=7.1	pg/mL	Y8
Interleukin 6	2.0		<=2.0	pg/mL	Y8
Interleukin 8	<3.0		<=3.0	pg/mL	Y8
Tumor Necrosis Factor - alpha	2.3		<=11.5	pg/mL	Y8
INTERPRETIVE INFORMATION: Cytokines					

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Cytokine Panel (CONTINUED)					
Results are used to understand the pathophysiology of immune, infectious, or inflammatory disorders, or may be used for research purposes.					
This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.					
Interleukin 17	<1.4		<=1.4	pg/mL	Y8
Lipid Panel					
Cholesterol, Total	123		100-199	mg/dL	BN
Triglycerides	53		0-149	mg/dL	BN
HDL Cholesterol	54		>39	mg/dL	BN
VLDL Cholesterol Cal	8		5-40	mg/dL	BN
LDL Chol Calc (NIH)	61		0-99	mg/dL	BN

Risk Assessment and Treatment Goals-Adults 30-79 years[1]			
10 Yr "Prevent" ASCVD Risk Categories[2]	LDL-C Goals (mg/dL)	non-HDL Goals: (mg/dL)	
Low Risk	0-3%	If LDL-C 160-189 : treat to <100	<130
Borderline	3%-<5%	<100	<130
Intermediate	5%-<10%	<100	<130
High	>=10%	<70	<100
		Without ASCVD	
Severe Hypercholesterolemia : LDL-C:>=190 mg/dL		<100	<130
		with ASCVD	
		<55	<85

[1]2026 Lipid Guidelines [2]ASCVD Tisk Calculator URL: :https://professional.heart.org/en/guidelines-and-statements/prevent-calculator

LDL Calc Comment:					BN
Testing could not be performed. Test cancelled.					

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TEST	IN RANGE	OUT OF RANGE	REFERENCE RANGE	UNITS	SITE CODE
Immunoglobulins A/E/G/M, Serum					
Immunoglobulin G, Qn, Serum	1272		603-1613	mg/dL	BN
Immunoglobulin A, Qn, Serum	168		90-386	mg/dL	BN
Immunoglobulin M, Qn, Serum	36		20-172	mg/dL	BN
Immunoglobulin E, Total	70		6-495	IU/mL	BN
FSH and LH					
LH		**H 11.5**	**1.7-8.6**	**mIU/mL**	**BN**
FSH		**H 13.7**	**1.5-12.4**	**mIU/mL**	**BN**
Hgb A1c with eAG Estimation					
Hemoglobin A1c	5.3		4.8-5.6	%	BN
Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0					
Estim. Avg Glu (eAG)	105			mg/dL	BN
Testosterone,Free and Total					
Testosterone	403		264-916	ng/dL	BN
Adult male reference interval is based on a population of healthy nonobese males (BMI <30) between 19 and 39 years old. Travison, et.al. JCEM 2017,102;1161-1173. PMID: 28324103.					
Free Testosterone(Direct)	8.8		7.2-24.0	pg/mL	BN
Complement C4, Serum	30		12-38	mg/dL	BN
Thyroxine (T4) Free, Direct					
T4,Free(Direct)	0.97		0.82-1.77	ng/dL	BN
Folate (Folic Acid), Serum	5.7		>3.0	ng/mL	BN
A serum folate concentration of less than 3.1 ng/mL is considered to represent clinical deficiency.					
DHEA-Sulfate	247.0		48.9-344.2	ug/dL	BN
Cortisol	14.9		6.2-19.4	ug/dL	BN
Please Note: The reference interval and flagging for					

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Cortisol (CONTINUED)					
this test is for an AM collection. If this is a PM collection please use: Cortisol PM: 2.3-11.9					
TSH		**H 5.170**	**0.450-4.500**	**uIU/mL**	**BN**
Complement C4a	590.1		152.0-1559.4	ng/mL	BN
Results for this test are for research purposes only by the assay's manufacturer. The performance characteristics of this product have not been established. Results should not be used as a diagnostic procedure without confirmation of the diagnosis by another medically established diagnostic product or procedure.					
Estradiol	33.6		7.6-42.6	pg/mL	BN
Roche ECLIA methodology					
Complement C3, Serum	149		82-167	mg/dL	BN
IGF-1					
Insulin-Like Growth Factor I	86		68-247	ng/mL	BN
Vitamin D, 25-Hydroxy	43.4		20.0-100.0	ng/mL	BN
D-Dimer		**H 0.62**	**0.00-0.49**	**mg/L FEU**	**BN**

D-dimer levels rise with age, complicating VTE exclusion in older patients. The American College of Physicians recommends using age-adjusted D-dimer thresholds for patients >50 years with either (a) low pretest probability of pulmonary embolism (PE) who do not meet all Pulmonary Embolism Rule-Out Criteria, or (b) intermediate probability of PE. The age-adjusted cutoff is calculated as age/100 (mg/L FEU); for example, 0.60 in a 60-year-old and 0.80 in an 80-year-old. In outpatients with a low or moderate clinical pretest probability (PTP), a D-dimer result below the selected threshold is consistent with absence of significant intravascular fibrin formation and supports exclusion of venous thromboembolism when interpreted in conjunction with an appropriate validated clinical assessment model. An elevated result does not confirm pulmonary embolism or deep vein thrombosis but indicates that further imaging may be warranted. D dimer may also be elevated in non-thrombotic conditions such as disseminated intravascular coagulation, malignancy, infection, recent surgery or trauma and pregnancy. This assay is not suitable for excluding venous thromboembolism in patients with high PTP as false-positive results are common and specificity is limited. Analytical interferences including fibrinogen degradation products, rheumatoid factor, and heterophile antibodies may also cause overestimation.

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D-Dimer (CONTINUED)					
Accordingly, an elevated D dimer should be interpreted as evidence of coagulation and fibrinolytic activity rather than a disease-specific diagnostic result.					
GGT	19		0-65	IU/L	BN
Erythrocyte Sedimentation Rate	19		0-30	mm/hr	BN
Copper, Serum or Plasma		**H 212**	**66-121**	**ug/dL**	**BN**
Detection Limit = 5					
C-Reactive Protein, Quant		**H 16**	**0-10**	**mg/L**	**BN**
Triiodothyronine (T3), Free	3.8		2.0-4.4	pg/mL	BN
Magnesium, RBC	5.8		3.7-7.0	mg/dL	BN
Cardiovascular Report					
Interpretation					LITNC
Note					
Supplemental report is available.					
PDF	.				LITNC

ADDITIONAL TEST INFORMATION:

Test	Status
C-Reactive Protein, Quant	F
Cardiovascular Report	F
Comp. Metabolic Panel (14)	F
Complement C3, Serum	F
Complement C4, Serum	F
Complement C4a	F
Copper, Serum or Plasma	F
Cortisol	F
Cytokine Panel	F
D-Dimer	F
DHEA-Sulfate	F
Erythrocyte Sedimentation Rate	F
Estradiol	F
FSH and LH	F
Folate (Folic Acid), Serum	F
GGT	F
Hgb A1c with eAG Estimation	F
IGF-1	F

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ADDITIONAL TEST INFORMATION: (CONTINUED)

Immunoglobulins A/E/G/M, Serum F
Lipid Panel F
Magnesium, RBC F
PDF Report F
TSH F
Testosterone,Free and Total F
Thyroxine (T4) Free, Direct F
Triiodothyronine (T3), Free F
Vitamin D, 25-Hydroxy F

NOTE:

'BN' refers to site: Labcorp Burlington
1447 York Court
Burlington NC 272153361
Director: Sanjai Nagendra MD

'LITNC' refers to site: Labcorp Clinical / Digital
10 Moore Drive
Durham NC 277090009
Director: Jennifer Ennis MD

'Y8' refers to site: ARUP Laboratories Inc
500 Chipeta Way
Salt Lake City UT 841081221
Director: Jonathan R Genzen MDPhD

>> END REPORT <<