

Miles, Edward R

DOB: **09/07/1940**

Patient Report



Patient ID:

Age: **84**

Account Number: **30353353**

Specimen ID: **051-847-7486-0**

Sex: **Male**

Ordering Physician: **A BERKSON**

Date Collected: **02/20/2025**

Date Received: **02/20/2025**

Date Reported: **02/22/2025**

Fasting: **Yes**

Ordered Items: **NMR LipoProfile; CBC With Differential/Platelet; Comp. Metabolic Panel (14); UA/M w/rlx Culture, Comp; Lipid Panel; Albumin/Creatinine Ratio,Urine; Vitamin B12 and Folate; Testosterone,Free and Total; Hemoglobin A1c; Thyroxine (T4) Free, Direct; TSH; Reverse T3, Serum; Vitamin D, 25-Hydroxy; Homocyst(e)ine; Triiodothyronine (T3); C-Reactive Protein, Quant; Triiodothyronine (T3), Free; Prealbumin; Drawing Fee**

Date Collected: **02/20/2025**

NMR LipoProfile

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
LDL Particle Number ⁰¹				
▲ LDL-P^{A,01}	1227 High		nmol/L	<1000
		Low	< 1000	
		Moderate	1000 - 1299	
		Borderline-High	1300 - 1599	
		High	1600 - 2000	
		Very High	> 2000	
Lipids ⁰¹				
▲ LDL-C (NIH Calc)⁰¹	142 High		mg/dL	0-99
		Optimal	< 100	
		Above optimal	100 - 129	
		Borderline	130 - 159	
		High	160 - 189	
		Very high	> 189	
HDL-C ^{A,01}	105		mg/dL	>39
Triglycerides ^{A,01}	46		mg/dL	0-149
▲ Cholesterol, Total^{A,01}	254 High		mg/dL	100-199
LDL and HDL Particles ⁰¹				
HDL-P (Total) ^{A,01}	40.1		umol/L	>=30.5
Small LDL-P ^{A,01}	<90		nmol/L	<=527
LDL Size ^{A,01}	21.2		nm	>20.5

**** INTERPRETATIVE INFORMATION****
PARTICLE CONCENTRATION AND SIZE
 <--Lower CVD Risk Higher CVD Risk-->
 LDL AND HDL PARTICLES Percentile in Reference Population
 HDL-P (total) High 75th 50th 25th Low
 >34.9 34.9 30.5 26.7 <26.7
 Small LDL-P Low 25th 50th 75th High
 <117 117 527 839 >839
 LDL Size <-Large (Pattern A)-> <-Small (Pattern B)->
 23.0 20.6 20.5 19.0

Comment:⁰¹

Small LDL-P and LDL Size are associated with CVD risk, but not after LDL-P is taken into account.

CBC With Differential/Platelet

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
WBC ⁰²	6.8		x10E3/uL	3.4-10.8



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CBC With Differential/Platelet (Cont.)

Test	Current Result and Flag	Units	Reference Interval
RBC ⁰²	4.95	x10E6/uL	4.14-5.80
Hemoglobin ⁰²	15.1	g/dL	13.0-17.7
Hematocrit ⁰²	45.3	%	37.5-51.0
MCV ⁰²	92	fL	79-97
MCH ⁰²	30.5	pg	26.6-33.0
MCHC ⁰²	33.3	g/dL	31.5-35.7
RDW ⁰²	12.0	%	11.6-15.4
Platelets ⁰²	176	x10E3/uL	150-450
Neutrophils ⁰²	66	%	Not Estab.
Lymphs ⁰²	22	%	Not Estab.
Monocytes ⁰²	8	%	Not Estab.
Eos ⁰²	3	%	Not Estab.
Basos ⁰²	1	%	Not Estab.
Neutrophils (Absolute) ⁰²	4.5	x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰²	1.5	x10E3/uL	0.7-3.1
Monocytes(Absolute) ⁰²	0.6	x10E3/uL	0.1-0.9
Eos (Absolute) ⁰²	0.2	x10E3/uL	0.0-0.4
Baso (Absolute) ⁰²	0.0	x10E3/uL	0.0-0.2
Immature Granulocytes ⁰²	0	%	Not Estab.
Immature Grans (Abs) ⁰²	0.0	x10E3/uL	0.0-0.1

Comp. Metabolic Panel (14)

Test	Current Result and Flag	Units	Reference Interval
Glucose ⁰²	83	mg/dL	70-99
BUN ⁰²	27	mg/dL	8-27
Creatinine ⁰²	0.99	mg/dL	0.76-1.27
eGFR	75	mL/min/1.73	>59
▲ BUN/Creatinine Ratio	27 High		10-24
Sodium ⁰²	142	mmol/L	134-144
Potassium ⁰²	4.1	mmol/L	3.5-5.2
Chloride ⁰²	106	mmol/L	96-106
Carbon Dioxide, Total ⁰²	22	mmol/L	20-29
Calcium ⁰²	9.0	mg/dL	8.6-10.2
▼ Protein, Total⁰²	5.9 Low	g/dL	6.0-8.5
Albumin ⁰²	4.2	g/dL	3.7-4.7
Globulin, Total	1.7	g/dL	1.5-4.5
Bilirubin, Total ⁰²	0.8	mg/dL	0.0-1.2
Alkaline Phosphatase ⁰²	120	IU/L	44-121
AST (SGOT) ⁰²	23	IU/L	0-40
ALT (SGPT) ⁰²	21	IU/L	0-44

UA/M w/rflx Culture, Comp

Test	Current Result and Flag	Units	Reference Interval
Urinalysis Gross Exam ⁰²			

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Specific Gravity ⁰²	1.015		1.005-1.030
pH ⁰²	5.5		5.0-7.5
Urine-Color ⁰²	Yellow		Yellow
Appearance ⁰²	Clear		Clear
WBC Esterase ⁰²	Negative		Negative
Protein ⁰²	Negative		Negative/Trace
Glucose ⁰²	Negative		Negative
Ketones ⁰²	Negative		Negative
Occult Blood ⁰²	Negative		Negative
Bilirubin ⁰²	Negative		Negative
Urobilinogen,Semi-Qn ⁰²	0.2	mg/dL	0.2-1.0
Nitrite, Urine ⁰²	Negative		Negative
Microscopic Examination ⁰²	Microscopic follows if indicated.		
Microscopic Examination ⁰²	See below: Microscopic was indicated and was performed.		
WBC ⁰²	None seen	/hpf	0 - 5
RBC ⁰²	None seen	/hpf	0 - 2
Epithelial Cells (non renal) ⁰²	None seen	/hpf	0 - 10
Casts ⁰²	None seen	/lpf	None seen
Bacteria ⁰²	None seen		None seen/Few
Urinalysis Reflex ⁰²	This specimen will not reflex to a Urine Culture.		

Lipid Panel

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Cholesterol, Total ⁰²	238 High		mg/dL	100-199
Triglycerides ⁰²	40		mg/dL	0-149
HDL Cholesterol ⁰²	90		mg/dL	>39
VLDL Cholesterol Cal	6		mg/dL	5-40
▲ LDL Chol Calc (NIH)	142 High		mg/dL	0-99

Albumin/Creatinine Ratio,Urine

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Creatinine, Urine ⁰²	42.7		mg/dL	Not Estab.
Albumin, Urine ⁰²	3.3		ug/mL	Not Estab.
Alb/Creat Ratio	8		mg/g creat	0-29
		Normal:	0 - 29	
		Moderately increased:	30 - 300	
		Severely increased:	>300	

Vitamin B12 and Folate

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Vitamin B12 ⁰²	1319 High		pg/mL	232-1245

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Vitamin B12 and Folate (Cont.)

Folate (Folic Acid), Serum ⁰²	18.6	ng/mL	>3.0
Note: ⁰²	A serum folate concentration of less than 3.1 ng/mL is considered to represent clinical deficiency.		

Testosterone, Free and Total

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Testosterone ⁰²	613		ng/dL	264-916
	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) ⁰¹	Will Follow			

Hemoglobin A1c

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Hemoglobin A1c ⁰²	5.8 High		%	4.8-5.6
Please Note: ⁰²	Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0			

Thyroxine (T4) Free, Direct

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
T4,Free(Direct) ⁰²	0.95		ng/dL	0.82-1.77

TSH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▼ TSH ⁰²	0.387 Low		uIU/mL	0.450-4.500

Reverse T3, Serum

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Reverse T3, Serum ⁰³	Will Follow			

Vitamin D, 25-Hydroxy

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Vitamin D, 25-Hydroxy ⁰²	64.7		ng/mL	30.0-100.0
	Vitamin D deficiency has been defined by the Institute of Medicine and an Endocrine Society practice guideline as a level of serum 25-OH vitamin D less than 20 ng/mL (1,2). The Endocrine Society went on to further define vitamin D insufficiency as a level between 21 and 29 ng/mL (2).			
	1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press.			
	2. Holick MF, Binkley NC, Bischoff-Ferrari HA, et al. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society clinical practice			

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guideline. JCEM. 2011 Jul; 96(7):1911-30.

Homocyst(e)ine

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Homocyst(e)ine ⁰²	11.9		umol/L	0.0-21.3

Triiodothyronine (T3)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▼ Triiodothyronine (T3) ⁰²	54 Low		ng/dL	71-180

C-Reactive Protein, Quant

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
C-Reactive Protein, Quant ⁰²	<1		mg/L	0-10

Triiodothyronine (T3), Free

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▼ Triiodothyronine (T3), Free ⁰²	1.8 Low		pg/mL	2.0-4.4

Prealbumin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prealbumin ⁰²	23		mg/dL	9-32

Disclaimer

The Previous Result is listed for the most recent test performed by Labcorp in the past 5 years where there is sufficient patient demographic data to match the result to the patient. Results from certain tests are excluded from the Previous Result display.

Icon Legend

▲ Out of Reference Range ■ Critical or Alert

Comments

A: This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.

Performing Labs

01: BN - Labcorp Burlington, 1447 York Court, Burlington, NC 27215-3361 Dir: Sanjai Nagendra, MD

02: PDLCA - Labcorp Phoenix, 5005 S 40th Street Ste 1200, Phoenix, AZ 85040-2969 Dir: Earle Collum, MD

03: ES - Esoterix Inc, 4301 Lost Hills Road, Calabasas Hills, CA 91301-5358 Dir: Brian Poirier, MD

For inquiries, the physician may contact Branch: 575-522-5957 Lab: 800-788-9743

Testing is pending . The attached results are preliminary results and have not yet been finalized .

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Ordering Physician: **A BERKSON**

Patient Details

Miles, Edward R

142 INDIAN HILLS RD, Moriarty, NM, 87035

Phone: **207-653-3141**

Date of Birth: **09/07/1940**

Age: **84**

Sex: **Male**

Patient ID:

Alternate Patient ID:

Physician Details

A BERKSON

**INTEGRATIVE MEDICAL CNTR OF N.
4535 NORTHRISE DR, LAS CRUCES, NM,
88011**

Phone: **575-524-3720**

Account Number: **30353353**

Physician ID:

NPI: **1275543126**

Specimen Details

Specimen ID: **051-847-7486-0**

Control ID: **50160978449**

Alternate Control Number:

Date Collected: **02/20/2025 1030 Local**

Date Received: **02/20/2025 0000 ET**

Date Entered: **02/20/2025 1154 ET**

Date Reported: **02/22/2025 1909 ET**