

Comprehensive Metabolic Panel

Collected on Apr 17, 2024 8:31 AM

Results

Sodium Normal range: 136 - 146 mmol/L 141 136146	Potassium Normal range: 3.5 - 5.1 mmol/L 4.0 3.55.1
Chloride Normal range: 98 - 107 mmol/L 104 98107	CO2 Normal range: 22 - 29 mmol/L 27 2229
Anion Gap Normal range: 10.0 - 20.0 mmol/L 14.0 1020	Creatinine Normal range: 0.72 - 1.25 mg/dL 0.86 0.721.25
Blood Urea Nitrogen Normal range: 10.0 - 20.0 mg/dL 12.0 1020	BUN/Creatinine Ratio ratio Value 13.95
Calcium, Total Normal range: 8.6 - 10.5 mg/dL 9.4 8.610.5	Glucose Normal range: 70 - 100 mg/dL 93 70100

eGFRNormal range: above ≥ 60 mL/min/1.73m(2)

Value

>60

Calculation based on the Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) equation refit without adjustment for race.

Total Protein

Normal range: 6.0 - 8.0 g/dL

7.0**Albumin**

Normal range: 3.5 - 5.0 g/dL

4.6**Globulin**

g/dL

Value

2.4**Albumin/Globulin Ratio**

Value

1.9**Aspartate Aminotransferase (AST)**

Normal range: 5 - 41 U/L

17**Alanine Aminotransferase (ALT)**

Normal range: 8 - 45 U/L

13**Alkaline Phosphatase**

Normal range: 50 - 136 U/L

45 Low**Bilirubin, Total**

Normal range: 0.2 - 1.2 mg/dL

0.3**Fasting Status**

Value

N/A

Authorizing provider: Hani Alkhatib

Collection date: Apr 17, 2024 8:31 AM

Specimens: Blood (Blood, Venous)

Result date: Apr 17, 2024 8:53 AM

Result status: Final

Resulting lab:

CENTRACARE HEALTH - PAYNESVILLE LAB

200 West 1st Street

PAYNESVILLE MN 56362

320-243-7751



Morrison, Paul

ABNORMAL RESULT Complete Blood Count (L), Hepatic Function Panel (L)

Hepatic Function Panel (Final result)

ID:	24PA-257C0037	Type/Src:	Blood/Blood, Venous
Ordered by:		Authorized by:	Provider, Not In The System, MD,PHD
Collected:	9/13/2024 0906	Received:	9/13/2024 0915
Resulting Lab:	Paynesville	Verified On:	9/13/2024 1149

Component	Value	Ref. Range
Albumin	4.7	3.5 - 5.0 g/dL
Total Protein	7.1	6.0 - 8.0 g/dL
Globulin	2.4	g/dL
Albumin/Globulin Ratio	2.0	
Aspartate Aminotransferase (AST)	26	5 - 41 U/L
Alanine Aminotransferase (ALT)	21	8 - 45 U/L
Alkaline Phosphatase	34 (L)	50 - 136 U/L
Bilirubin, Total	1.4 (H)	0.2 - 1.2 mg/dL
Bilirubin, Indirect	0.9	mg/dL
Bilirubin, Direct	0.5	0.0 - 0.5 mg/dL

Vitamin D 25-Hydroxy, Total (Final result)

ID:	24PA-257C0037	Type/Src:	Blood/Blood, Venous
Ordered by:		Authorized by:	Provider, Not In The System, MD,PHD
Collected:	9/13/2024 0906	Received:	9/13/2024 0915
Resulting Lab:	Paynesville	Verified On:	9/13/2024 1212

Component	Value	Ref. Range
Vitamin D 25OH	54.5	30.0 - 100.0 ng/mL
Reference Range:		
Deficiency:	<20 ng/mL	
Insufficiency:	21-29 ng/mL	
Sufficiency:	30-100 ng/mL	
Possible Toxicity:	>100 ng/mL	

Complete Blood Count (Final result)

ID:	24PR-257H0003	Type/Src:	Blood/Blood, Venous
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Patient: Morrison, Paul
MRN:
DOB: 3/1/1978

Page: 1 of 2

Printed: 9/16/2024 9:28 AM
RQ580735



Morrison, Paul

ABNORMAL RESULT Alkaline Phosphatase (L), Bilirubin, Total (H)

Hepatic Function Panel (Final result)

ID:	24PA-288C0018	Type/Src:	Blood/Blood, Venous
Ordered by:		Authorized by:	Provider, Not In The System, MD,PHD
Collected:	10/14/2024 0813	Received:	10/14/2024 0823
Resulting Lab:	Paynesville	Verified On:	10/14/2024 0925

Component	Value	Ref. Range
Albumin	4.6	3.5 - 5.0 g/dL
Total Protein	7.0	6.0 - 8.0 g/dL
Globulin	2.4	g/dL
Albumin/Globulin Ratio	1.9	
Aspartate Aminotransferase (AST)	28	5 - 41 U/L
Alanine Aminotransferase (ALT)	33	8 - 45 U/L
Alkaline Phosphatase	37 (L)	50 - 136 U/L
Bilirubin, Total	1.3 (H)	0.2 - 1.2 mg/dL
Bilirubin, Indirect	0.9	mg/dL
Bilirubin, Direct	0.4	0.0 - 0.5 mg/dL

Pending Tests

Vitamin D 25-Hydroxy, Total

Resulting Labs

Paynesville CLIA: 24D0406017	CENTRACARE HEALTH - PAYNESVILLE LAB, 200 West 1st Street, PAYNESVILLE MN 56362 Director: Curtis, Bradley Alan, MD	320-243-7751
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Legend

L - Low H - High

COMPREHENSIVE METABOLIC PANEL

Order: 452435145

Status: Final result Visible to patient: Yes (seen) Dx: CLL (chronic lymphocytic leukemia) (HCC)

Component	10/23/24 0818	4/17/24 0831	8/17/22 1317
Ref Range & Units			
Sodium 136 - 146 mmol/L	142	141	142
Potassium 3.5 - 5.1 mmol/L	3.9	4.0	4.3
Chloride 98 - 107 mmol/L	103	104	105
CO2 22 - 29 mmol/L	30 ^	27	29
Anion Gap 10.0 - 20.0 mmol/L	12.9	14.0	12.3
Creatinine 0.72 - 1.25 mg/dL	1.08	0.86	0.80
Blood Urea Nitrogen 10.0 - 20.0 mg/dL	10.0	12.0	12.0
BUN/Creatinine Ratio ratio	9.26	13.95	15.00
Calcium, Total 8.6 - 10.5 mg/dL	9.6	9.4	9.7
Glucose 70 - 100 mg/dL	100	93	98
eGFR >=60 mL/min/1.73m(2)	>60	>60 ^{CM}	>60 ^{CM}
Comment: Calculation based on the Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) equation refit without adjustment for race.			
Total Protein 6.0 - 8.0 g/dL	7.1	7.0	7.0
Albumin 3.5 - 5.0 g/dL	4.6	4.6	4.6
Globulin g/dL	2.5	2.4	2.4
Albumin/Globulin Ratio	1.8	1.9	1.9
Aspartate Aminotransferase (AST) 5 - 41 U/L	46 ^	17	19
Alanine Aminotransferase (ALT) 8 - 45 U/L	49 ^	13	13
Alkaline Phosphatase 50 - 136 U/L	43 v	45 v	42 v
Bilirubin, Total 0.2 - 1.2 mg/dL	1.1	0.3	1.1
Fasting Status	No	N/A	
Resulting Agency	CENTRACARE HEALTH - PAYNESVILLE LAB	CENTRACARE HEALTH - PAYNESVILLE LAB	CENTRACARE HEALTH - PAYNESVILLE LAB

Specimen Collected: 10/23/24 08:18

Last Resulted: 10/23/24 08:40

[Order Details](#)
[View Encounter](#)
[Lab and Collection Details](#)
[Routing](#)
[Result History](#)

Result	Value	Reference Range	Lab
Comprehensive Metabolic Panel (CMP)			
UREA NITROGEN (BUN)	20 12/14/24	7-25 mg/dL	CB
Result Trending	11 11/29/24		
CREATININE	0.99 12/14/24	0.60-1.29 mg/dL	CB
Result Trending	0.98 11/29/24		
EGFR	95 12/14/24	> OR = 60 mL/min/1.73m2	CB
Result Trending	96 11/29/24		
BUN/CREATININE RATIO	SEE NOTE: 12/14/24	6-22 (calc)	CB
Result Trending	SEE NOTE: 11/29/24		
Comments	Not Reported: BUN and Creatinine are within reference range.		
CALCIUM	10.3 12/14/24	8.6-10.3 mg/dL	CB
Result Trending	9.9 11/29/24		

Electrolytes

Electrolytes

Comprehensive Metabolic Panel (CMP)

SODIUM	142 12/14/24	135-146 mmol/L	CB
Result Trending	142 11/29/24		

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Result	Value	Reference Range	Lab
POTASSIUM	3.9 12/14/24	3.5-5.3 mmol/L	CB
Result Trending	4.3 11/29/24		
CHLORIDE	99 12/14/24	98-110 mmol/L	CB
Result Trending	102 11/29/24		
CARBON DIOXIDE	33 H 12/14/24	20-32 mmol/L	CB
Result Trending	33 H 11/29/24		

Performing Laboratory Information

CB Quest Diagnostics-Wood Dale
1355 Mittel Blvd Wood Dale, Illinois 60191-1024 Anthony V Thomas

NOTE: Only measurable biomarkers will be reported. Certain biomarkers do not appear in healthy individuals.

Specimen ZW935476L
Requisition 1111767
Lab Ref No

Collected Date 12/13/2024 08:47
Received Date 12/13/2024 08:52

Ultra Lab Tests, LLC
9237 E Via de Ventura, Suite 220
Scottsdale, AZ 85258
UltraLabTests.com

Legend

Result Value Colors

Normal Result is within the clinical reference range

Result Value Labels

H Above High Normal

Comments
COLLECTION REQUIREMENTS NOT MET. PATIENT ADVISED TO RETURN.

Result	Value	Reference Range	Lab
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Metabolic & Endocrine Health

Diabetes & Insulin Resistance

Comprehensive Metabolic Panel (CMP)

GLUCOSE	91 12/14/24	65-99 mg/dL	CB
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Result Trending **93**
11/29/24

Comments Fasting reference interval

Liver Health

Liver Enzymes and Function Tests

Comprehensive Metabolic Panel (CMP)

PROTEIN, TOTAL	7.6 12/14/24	6.1-8.1 g/dL	CB
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We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Result	Value	Reference Range	Lab
Result Trending 6.8 11/29/24			
ALBUMIN	5.2 H 12/14/24	3.6-5.1 g/dL	CB
Result Trending 4.6 11/29/24			
GLOBULIN	2.4 12/14/24	1.9-3.7 g/dL (calc)	CB
Result Trending 2.2 11/29/24			
ALBUMIN/GLOBULIN RATIO	2.2 12/14/24	1.0-2.5 (calc)	CB
Result Trending 2.1 11/29/24			
BILIRUBIN, TOTAL	1.1 12/14/24	0.2-1.2 mg/dL	CB
Result Trending 1.0 11/29/24			
ALKALINE PHOSPHATASE	37 12/14/24	36-130 U/L	CB
Result Trending 39 11/29/24			
AST	24 12/14/24	10-40 U/L	CB
Result Trending 23 11/29/24			
ALT	26 12/14/24	9-46 U/L	CB
Result Trending 24 11/29/24			

Kidney & Urinary Health

Kidney Function Metabolic

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Specimen ZW137601N
Requisition 1140304
Lab Ref No

Collected Date 03/10/2025 09:20
Received Date 03/10/2025 09:23

Ultra Lab Tests, LLC
9237 E Via de Ventura, Suite 220
Scottsdale, AZ 85258
[UltaLabTests.com](https://www.UltaLabTests.com)

Legend

Result Value Colors

Normal Result is within the clinical reference range

Result Value Labels

L Below Low Normal
H Above High Normal

Result	Value	Reference Range	Lab
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Metabolic & Endocrine Health

Diabetes & Insulin Resistance

Comprehensive Metabolic Panel (CMP)

GLUCOSE	95 03/11/25	65-99 mg/dL	CB
Result Trending	83 09/28/23 93 11/29/24 91 12/17/24		
Comments	Fasting reference interval		

Liver Health

Liver Enzymes and Function Tests

Comprehensive Metabolic Panel (CMP)

PROTEIN, TOTAL	7.5 03/11/25	6.1-8.1 g/dL	CB
Result Trending	7.2 09/28/23 6.8 11/29/24 7.6 12/17/24		

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Result	Value	Reference Range	Lab
ALBUMIN	5.1 03/11/25	3.6-5.1 g/dL	CB
Result Trending	4.7 09/28/23 4.6 11/29/24 5.2 H 12/17/24		
GLOBULIN	2.4 03/11/25	1.9-3.7 g/dL (calc)	CB
Result Trending	2.5 09/28/23 2.2 11/29/24 2.4 12/17/24		
ALBUMIN/GLOBULIN RATIO	2.1 03/11/25	1.0-2.5 (calc)	CB
Result Trending	1.9 09/28/23 2.1 11/29/24 2.2 12/17/24		
BILIRUBIN, TOTAL	0.8 03/11/25	0.2-1.2 mg/dL	CB
Result Trending	0.9 09/28/23 1.0 11/29/24 1.1 12/17/24		
ALKALINE PHOSPHATASE	35 L 03/11/25	36-130 U/L	CB
Result Trending	29 L 09/28/23 39 11/29/24 37 12/17/24		
AST	16 03/11/25	10-40 U/L	CB
Result Trending	20 09/28/23 23 11/29/24 24 12/17/24		
ALT	13 03/11/25	9-46 U/L	CB
Result Trending	14 09/28/23 24 11/29/24 26 12/17/24		

Kidney & Urinary Health

Kidney Function Metabolic

Comprehensive Metabolic Panel (CMP)

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Result	Value	Reference Range	Lab
UREA NITROGEN (BUN)	15 03/11/25	7-25 mg/dL	CB
Result Trending	17 09/28/23 11 11/29/24 20 12/17/24		
CREATININE	0.87 03/11/25	0.60-1.29 mg/dL	CB
Result Trending	0.94 09/28/23 0.98 11/29/24 0.99 12/17/24		
EGFR	107 03/11/25	> OR = 60 mL/min/1.73m2	CB
Result Trending	102 09/28/23 96 11/29/24 95 12/17/24		
BUN/CREATININE RATIO	SEE NOTE: 03/11/25	6-22 (calc)	CB
Result Trending	SEE NOTE: 09/28/23 SEE NOTE: 11/29/24 SEE NOTE: 12/17/24		
Comments	Not Reported: BUN and Creatinine are within reference range.		
CALCIUM	10.1 03/11/25	8.6-10.3 mg/dL	CB
Result Trending	9.7 09/28/23 9.9 11/29/24 10.3 12/17/24		

Electrolytes

Electrolytes

Comprehensive Metabolic Panel (CMP)

SODIUM	141 03/11/25	135-146 mmol/L	CB
Result Trending	139 09/28/23 142 11/29/24 142 12/17/24		
POTASSIUM	4.4 03/11/25	3.5-5.3 mmol/L	CB
Result Trending	3.9 09/28/23 4.3 11/29/24 3.9 12/17/24		

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Result	Value	Reference Range	Lab
09/28/23 11/29/24 12/17/24			
CHLORIDE	99 03/11/25	98-110 mmol/L	CB
Result Trending 100 102 99 09/28/23 11/29/24 12/17/24			
CARBON DIOXIDE	33 H 03/11/25	20-32 mmol/L	CB
Result Trending 30 33 H 33 H 09/28/23 11/29/24 12/17/24			

Performing Laboratory Information

CB Quest Diagnostics-Wood Dale
1355 Mittel Blvd Wood Dale, Illinois 60191-1024 Anthony V Thomas

NOTE: Only measurable biomarkers will be reported. Certain biomarkers do not appear in healthy individuals.

Morrison, Paul

ABNORMAL RESULT Basic Metabolic Panel (H), Hepatic Function Panel (H)

Basic Metabolic Panel (Final result)

ID:	25RI-168C0093	Type/Src:	Blood/Blood, Venous
Ordered by:		Authorized by:	Provider, Not In The System, MD,PHD
Collected:	6/17/2025 0927	Received:	6/17/2025 0939
Resulting Lab:	Rice Mem	Verified On:	6/17/2025 1000

Component	Value	Ref. Range
Sodium	142	136 - 146 mmol/L
Potassium	4.1	3.5 - 5.1 mmol/L
Chloride	105	98 - 107 mmol/L
CO2	32 (H)	22 - 29 mmol/L
Anion Gap	9.1 (L)	10.0 - 20.0 mmol/L
Creatinine	0.87	0.72 - 1.25 mg/dL
Blood Urea Nitrogen	16.0	8.9 - 25.7 mg/dL
BUN/Creatinine Ratio	18.39	11.70 - 22.90 ratio
Calcium, Total	9.4	8.6 - 10.5 mg/dL
Glucose	105 (H)	70 - 100 mg/dL
eGFR	>60	>=60 mL/min/1.73 m(2)

Calculation based on the Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) equation refit without adjustment for race.

Fasting Status Yes

Collection Questions

! Is Patient Fasting? Yes

Hepatic Function Panel (Final result)

ID:	25RI-168C0093	Type/Src:	Blood/Blood, Venous
Ordered by:		Authorized by:	Provider, Not In The System, MD,PHD
Collected:	6/17/2025 0927	Received:	6/17/2025 0939
Resulting Lab:	Rice Mem	Verified On:	6/17/2025 1001

Component	Value	Ref. Range
Albumin	4.8	3.5 - 5.0 g/dL
Total Protein	6.9	6.0 - 8.0 g/dL

Patient: Morrison, Paul
 MRN:
 DOB: 3/1/1978

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Printed: 6/17/2025 10:35 AM
 RQ629161

Component	Value	Ref. Range
Globulin	2.1	g/dL
Albumin/Globulin Ratio	2.3 (H)	1.0 - 2.0
Aspartate Aminotransferase (AST)	26	5 - 41 U/L
Alanine Aminotransferase (ALT)	26	0 - 55 U/L
Alkaline Phosphatase	38 (L)	40 - 136 U/L
Bilirubin, Total	0.6	0.2 - 1.2 mg/dL
Bilirubin, Indirect	0.4	0.0 - 0.7 mg/dL
Bilirubin, Direct	0.2	0.0 - 0.5 mg/dL

Resulting Labs

Rice Mem CLIA: 24D0405426 JOINT COMMISSION: 8212 CAP: 1811201	CENTRACARE RICE MEMORIAL HOSPITAL LAB, 301 Becker Ave SW, Willmar MN 56201 Director: Vanderwerf, Steven Michael, MD	320-231-4500
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Legend

L - Low H - High



CentraCare Health
Rice Memorial Hospital Laboratory
301 Becker Ave SW, Willmar, MN 56201
Phone: (320) 231-4500 Fax: (320)231-4861
www.centracare.com

Morrison, Paul
22945 Turtle Creek Cir
COLD SPRING, MN 56320

Vitamin D 25-Hydroxy, Total (Final result)

ID:	25RI-168S0005	Type/Src:	Blood/Blood, Venous
Ordered by:		Authorized by:	Provider, Not In The System, MD,PHD
Collected:	6/17/2025 0927	Received:	6/17/2025 0937
Resulting Lab:	Rice Mem	Verified On:	6/17/2025 1102

Component	Value	Ref. Range
Vitamin D 25OH	47.4	30.0 - 100.0 ng/mL
Deficiency	<10 ng/mL	
Insufficiency	10 - 30 ng/mL	
Sufficiency	30 - 100 ng/mL	
Possible Toxicity	>100 ng/mL	

Resulting Labs

Rice Mem CLIA: 24D0405426 JOINT	CENTRACARE RICE MEMORIAL HOSPITAL LAB, 301	320-231-4500
COMMISSION: 8212 CAP: 1811201	Becker Ave SW, Willmar MN 56201	
	Director: Vanderwerf, Steven Michael, MD	