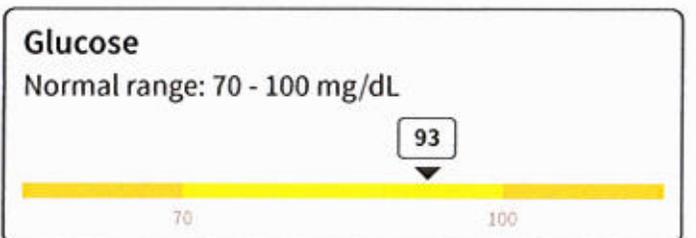
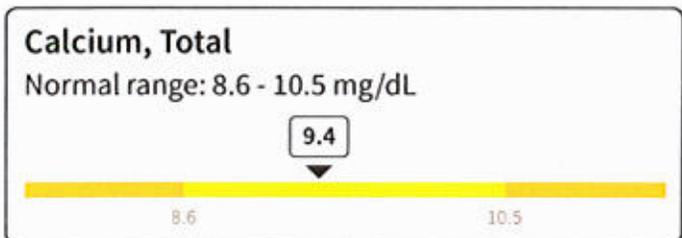
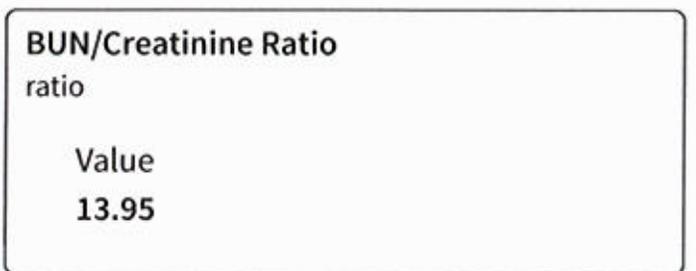
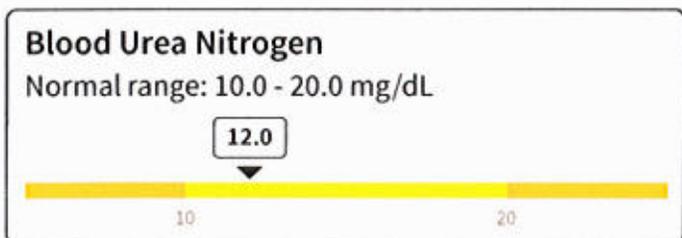
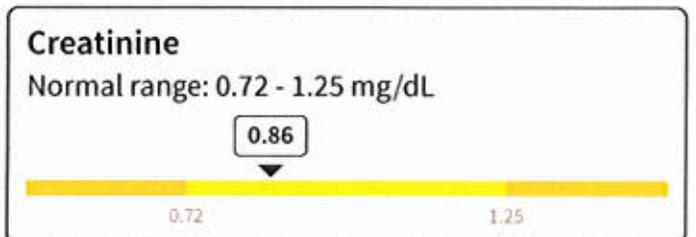
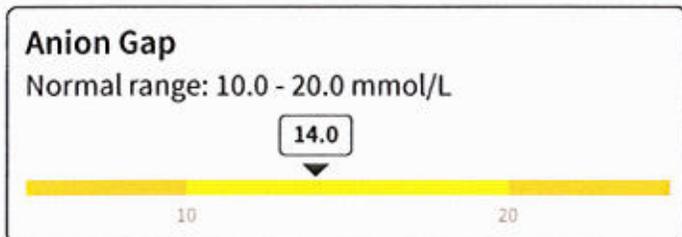
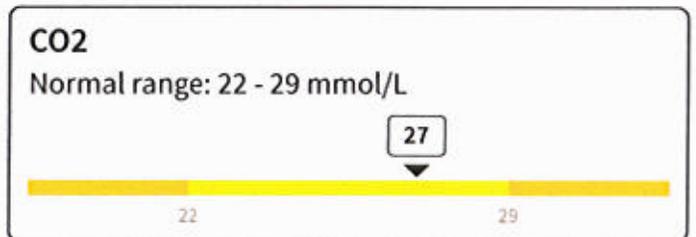
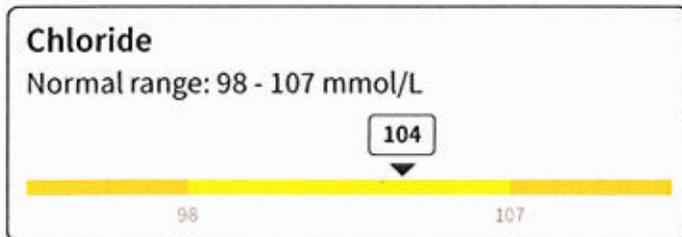
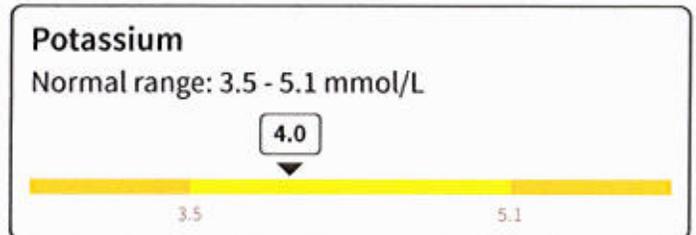
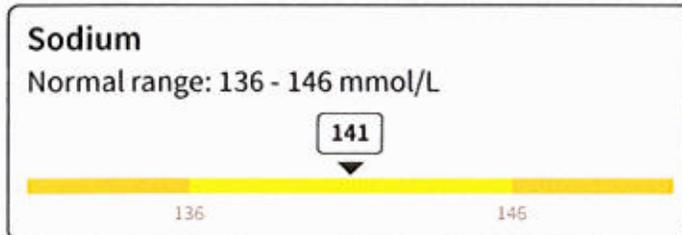


# Comprehensive Metabolic Panel

Collected on Apr 17, 2024 8:31 AM

## Results



### eGFR

Normal range: above  $\geq 60$  mL/min/1.73m<sup>2</sup>

Value

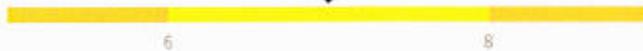
>60

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

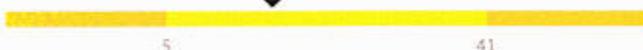
Value

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	<b>34 (L)</b>	50 - 136 U/L
Bilirubin, Total	<b>1.4 (H)</b>	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
Patient: Morrison, Paul	Page: 1 of 2	Printed: 9/16/2024 9:28 AM	
MRN:		RQ580735	
DOB: 3/1/1978			



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	<b>37 (L)</b>	50 - 136 U/L
Bilirubin, Total	<b>1.3 (H)</b>	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 Ref Range & Units	10/23/24 0818	4/17/24 0831	8/17/22 1317
<b>Sodium</b> 136 - 146 mmol/L	<b>142</b>	141	142
<b>Potassium</b> 3.5 - 5.1 mmol/L	<b>3.9</b>	4.0	4.3
<b>Chloride</b> 98 - 107 mmol/L	<b>103</b>	104	105
<b>CO2</b> 22 - 29 mmol/L	<b>30 ^</b>	27	29
<b>Anion Gap</b> 10.0 - 20.0 mmol/L	<b>12.9</b>	14.0	12.3
<b>Creatinine</b> 0.72 - 1.25 mg/dL	<b>1.08</b>	0.86	0.80
<b>Blood Urea Nitrogen</b> 10.0 - 20.0 mg/dL	<b>10.0</b>	12.0	12.0
<b>BUN/Creatinine Ratio</b> ratio	<b>9.26</b>	13.95	15.00
<b>Calcium, Total</b> 8.6 - 10.5 mg/dL	<b>9.6</b>	9.4	9.7
<b>Glucose</b> 70 - 100 mg/dL	<b>100</b>	93	98
<b>eGFR</b> >=60 mL/min/1.73m(2)	<b>&gt;60</b>	>60 <sup>CM</sup>	>60 <sup>CM</sup>
Comment: Calculation based on the Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) equation refit without adjustment for race.			
<b>Total Protein</b> 6.0 - 8.0 g/dL	<b>7.1</b>	7.0	7.0
<b>Albumin</b> 3.5 - 5.0 g/dL	<b>4.6</b>	4.6	4.6
<b>Globulin</b> g/dL	<b>2.5</b>	2.4	2.4
<b>Albumin/Globulin Ratio</b>	<b>1.8</b>	1.9	1.9
<b>Aspartate Aminotransferase (AST)</b> 5 - 41 U/L	<b>46 ^</b>	17	19
<b>Alanine Aminotransferase (ALT)</b> 8 - 45 U/L	<b>49 ^</b>	13	13
<b>Alkaline Phosphatase</b> 50 - 136 U/L	<b>43 v</b>	<b>45 v</b>	<b>42 v</b>
<b>Bilirubin, Total</b> 0.2 - 1.2 mg/dL	<b>1.1</b>	0.3	1.1
<b>Fasting Status</b>	<b>No</b>	N/A	
<b>Resulting Agency</b>	CENTRACARE HEALTH - PAINESVILLE LAB	CENTRACARE HEALTH - PAINESVILLE LAB	CENTRACARE HEALTH - PAINESVILLE 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
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### Comprehensive Metabolic Panel (CMP)

UREA NITROGEN (BUN)	<b>20</b> 12/14/24	7-25 mg/dL	CB
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Result Trending **11**  
11/29/24

CREATININE	<b>0.99</b> 12/14/24	0.60-1.29 mg/dL	CB
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Result Trending **0.98**  
11/29/24

EGFR	<b>95</b> 12/14/24	> OR = 60 mL/min/1.73m <sup>2</sup>	CB
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Result Trending **96**  
11/29/24

BUN/CREATININE RATIO	<b>SEE NOTE:</b> 12/14/24	6-22 (calc)	CB
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Result Trending **SEE NOTE:**  
11/29/24

Comments Not Reported: BUN and Creatinine are within reference range.

CALCIUM	<b>10.3</b> 12/14/24	8.6-10.3 mg/dL	CB
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Result Trending **9.9**  
11/29/24

## Electrolytes

### Electrolytes

#### Comprehensive Metabolic Panel (CMP)

SODIUM	<b>142</b> 12/14/24	135-146 mmol/L	CB
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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	<b>3.9</b> 12/14/24	3.5-5.3 mmol/L	CB
Result Trending	<b>4.3</b> 11/29/24		
CHLORIDE	<b>99</b> 12/14/24	98-110 mmol/L	CB
Result Trending	<b>102</b> 11/29/24		
CARBON DIOXIDE	<b>33 H</b> 12/14/24	20-32 mmol/L	CB
Result Trending	<b>33 H</b> 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](http://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	<b>91</b> 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	<b>7.6</b> 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 11/29/24	6.8		
ALBUMIN	5.2 H 12/14/24	3.6-5.1 g/dL	CB
Result Trending 11/29/24	4.6		
GLOBULIN	2.4 12/14/24	1.9-3.7 g/dL (calc)	CB
Result Trending 11/29/24	2.2		
ALBUMIN/GLOBULIN RATIO	2.2 12/14/24	1.0-2.5 (calc)	CB
Result Trending 11/29/24	2.1		
BILIRUBIN, TOTAL	1.1 12/14/24	0.2-1.2 mg/dL	CB
Result Trending 11/29/24	1.0		
ALKALINE PHOSPHATASE	37 12/14/24	36-130 U/L	CB
Result Trending 11/29/24	39		
AST	24 12/14/24	10-40 U/L	CB
Result Trending 11/29/24	23		
ALT	26 12/14/24	9-46 U/L	CB
Result Trending 11/29/24	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  
[UltraLabTests.com](http://UltraLabTests.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	<b>95</b> 03/11/25	65-99 mg/dL	CB
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Result Trending **83** **93** **91**  
09/28/23 11/29/24 12/17/24

Comments Fasting reference interval

## Liver Health

### Liver Enzymes and Function Tests

#### Comprehensive Metabolic Panel (CMP)

PROTEIN, TOTAL	<b>7.5</b> 03/11/25	6.1-8.1 g/dL	CB
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Result Trending **7.2** **6.8** **7.6**  
09/28/23 11/29/24 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	<b>5.1</b> 03/11/25	3.6-5.1 g/dL	CB
Result Trending	<b>4.7</b> 09/28/23 <b>4.6</b> 11/29/24 <b>5.2 H</b> 12/17/24		
GLOBULIN	<b>2.4</b> 03/11/25	1.9-3.7 g/dL (calc)	CB
Result Trending	<b>2.5</b> 09/28/23 <b>2.2</b> 11/29/24 <b>2.4</b> 12/17/24		
ALBUMIN/GLOBULIN RATIO	<b>2.1</b> 03/11/25	1.0-2.5 (calc)	CB
Result Trending	<b>1.9</b> 09/28/23 <b>2.1</b> 11/29/24 <b>2.2</b> 12/17/24		
BILIRUBIN, TOTAL	<b>0.8</b> 03/11/25	0.2-1.2 mg/dL	CB
Result Trending	<b>0.9</b> 09/28/23 <b>1.0</b> 11/29/24 <b>1.1</b> 12/17/24		
ALKALINE PHOSPHATASE	<b>35 L</b> 03/11/25	36-130 U/L	CB
Result Trending	<b>29 L</b> 09/28/23 <b>39</b> 11/29/24 <b>37</b> 12/17/24		
AST	<b>16</b> 03/11/25	10-40 U/L	CB
Result Trending	<b>20</b> 09/28/23 <b>23</b> 11/29/24 <b>24</b> 12/17/24		
ALT	<b>13</b> 03/11/25	9-46 U/L	CB
Result Trending	<b>14</b> 09/28/23 <b>24</b> 11/29/24 <b>26</b> 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)	<b>15</b> 03/11/25	7-25 mg/dL	CB
Result Trending	<b>17</b> <b>11</b> <b>20</b> 09/28/23 11/29/24 12/17/24		
CREATININE	<b>0.87</b> 03/11/25	0.60-1.29 mg/dL	CB
Result Trending	<b>0.94</b> <b>0.98</b> <b>0.99</b> 09/28/23 11/29/24 12/17/24		
EGFR	<b>107</b> 03/11/25	> OR = 60 mL/min/1.73m <sup>2</sup>	CB
Result Trending	<b>102</b> <b>96</b> <b>95</b> 09/28/23 11/29/24 12/17/24		
BUN/CREATININE RATIO	<b>SEE NOTE:</b> 03/11/25	6-22 (calc)	CB
Result Trending	<b>SEE NOTE:</b> <b>SEE NOTE:</b> <b>SEE NOTE:</b> 09/28/23 11/29/24 12/17/24		
Comments	Not Reported: BUN and Creatinine are within reference range.		
CALCIUM	<b>10.1</b> 03/11/25	8.6-10.3 mg/dL	CB
Result Trending	<b>9.7</b> <b>9.9</b> <b>10.3</b> 09/28/23 11/29/24 12/17/24		

## Electrolytes

### Electrolytes

#### Comprehensive Metabolic Panel (CMP)

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

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	<b>99</b> 03/11/25	98-110 mmol/L	CB
Result Trending	<b>100</b> <b>102</b> <b>99</b> 09/28/23   11/29/24   12/17/24		
CARBON DIOXIDE	<b>33 H</b> 03/11/25	20-32 mmol/L	CB
Result Trending	<b>30</b> <b>33 H</b> <b>33 H</b> 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	<b>32 (H)</b>	22 - 29 mmol/L
Anion Gap	<b>9.1 (L)</b>	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	<b>105 (H)</b>	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

Component	Value	Ref. Range
Globulin	2.1	g/dL
Albumin/Globulin Ratio	<b>2.3 (H)</b>	1.0 - 2.0
Aspartate Aminotransferase (AST)	26	5 - 41 U/L
Alanine Aminotransferase (ALT)	26	0 - 55 U/L
Alkaline Phosphatase	<b>38 (L)</b>	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

Morrison, Paul

**ABNORMAL RESULT Alkaline Phosphatase (L)**

**Basic Metabolic Panel (Final result)**

ID:	26RI-005C0097	Type/Src:	Blood/Blood, Venous
Ordered by:		Authorized by:	Provider, Not In The System, MD,PHD
Collected:	1/5/2026 0841	Received:	1/5/2026 0849
Resulting Lab:	Rice Mem	Verified On:	1/5/2026 0909

Component	Value	Ref. Range
Sodium	140	136 - 146 mmol/L
Potassium	3.8	3.5 - 5.1 mmol/L
Chloride	103	98 - 107 mmol/L
CO2	29	22 - 29 mmol/L
Anion Gap	11.8	10.0 - 20.0 mmol/L
Creatinine	0.93	0.72 - 1.25 mg/dL
Blood Urea Nitrogen	20.0	8.9 - 25.7 mg/dL
BUN/Creatinine Ratio	21.51	11.70 - 22.90 ratio
Calcium, Total	9.7	8.6 - 10.5 mg/dL
Glucose	90	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:	26RI-005C0097	Type/Src:	Blood/Blood, Venous
Ordered by:		Authorized by:	Provider, Not In The System, MD,PHD
Collected:	1/5/2026 0841	Received:	1/5/2026 0849
Resulting Lab:	Rice Mem	Verified On:	1/5/2026 0919

Component	Value	Ref. Range
Albumin	4.7	3.5 - 5.0 g/dL
Total Protein	7.1	6.0 - 8.0 g/dL



Component	Value	Ref. Range
Globulin	2.4	g/dL
Albumin/Globulin Ratio	2.0	1.0 - 2.0
Aspartate Aminotransferase (AST)	23	5 - 41 U/L
Alanine Aminotransferase (ALT)	15	0 - 55 U/L
Alkaline Phosphatase	38 (L)	40 - 136 U/L
Bilirubin, Total	1.1	0.2 - 1.2 mg/dL
Bilirubin, Indirect	0.7	0.0 - 0.7 mg/dL
Bilirubin, Direct	0.4	0.0 - 0.5 mg/dL

**Pending Tests**

Vitamin D 25-Hydroxy, Total

**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

**Legend**

L - Low