

# Message about your results

Houston Methodist

You 10:54AM

Hi Dr. Lee,

Wow. That lipid panel and the ALT number are both concerning and surprising. Of note, I have had a low grade fever (~99.9 deg F) last night after I saw you and this morning. I took Tylenol last night and this morning. Also, I had a big lunch yesterday before seeing you. Does one need to fast before a lipid panel to get accurate numbers?

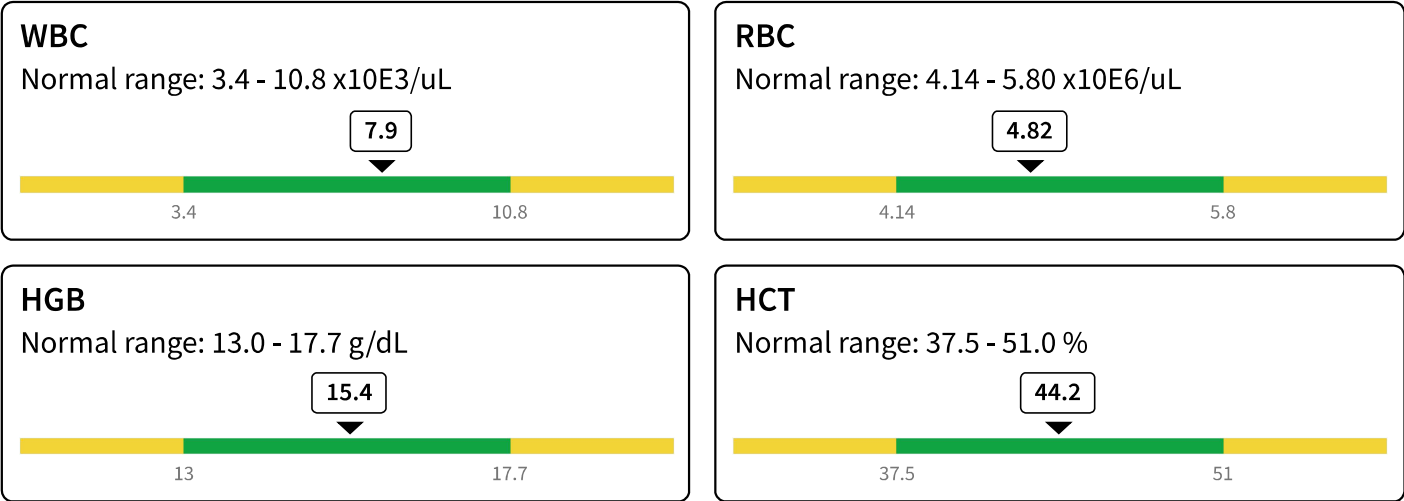
My alcohol consumption is limited to wine on the weekends (2-5 glasses total in a weekend), so I'm surprised about the ALT number. While I certainly aim to trim 15 pounds or so, I do exercise regularly and maintain a relatively healthy diet, so I'm surprised about these numbers. This is new for me.

Could any of these numbers be spurious (due to being sick/eating before the doctor)?

Thanks,  
Logan Graham, Ph.D.

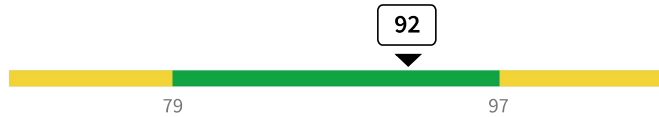
Showing 1 of 2

## CBC HEMOGRAM



**MCV**

Normal range: 79 - 97 fL

**MCH**

Normal range: 26.6 - 33.0 pg

**MCHC**

Normal range: 31.5 - 35.7 g/dL

**RDW**

Normal range: 11.6 - 15.4 %

**Platelet count**

Normal range: 150 - 450 x10E3/uL



Ordering provider: Joo Bohng Lee

Collection date: Mar 19, 2025 4:03 PM

Specimens: Blood

Result date: Mar 20, 2025 9:11 AM

Result status: Final

Resulting lab:

LABCORP

**COMPREHENSIVE METABOLIC PANEL****Glucose**

Normal range: 70 - 99 mg/dL

**BUN**

Normal range: 6 - 20 mg/dL

**Creatinine**

Normal range: 0.76 - 1.27 mg/dL

**eGFR creat (CKD-EPI 2021)**

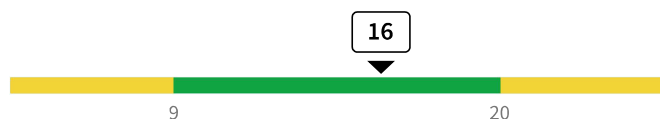
Normal value: &gt;59 mL/min/1.73

Value

**120**

**BUN/creatinine ratio**

Normal range: 9 - 20

**Sodium**

Normal range: 134 - 144 mmol/L

**Potassium**

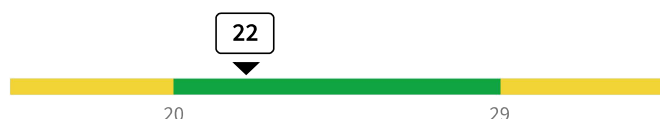
Normal range: 3.5 - 5.2 mmol/L

**Chloride**

Normal range: 96 - 106 mmol/L

**CO2**

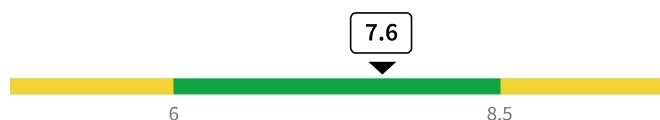
Normal range: 20 - 29 mmol/L

**Calcium**

Normal range: 8.7 - 10.2 mg/dL

**Protein**

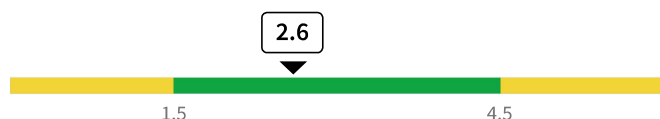
Normal range: 6.0 - 8.5 g/dL

**Albumin**

Normal range: 4.1 - 5.1 g/dL

**Globulin**

Normal range: 1.5 - 4.5 g/dL

**Total bilirubin**

Normal range: 0.0 - 1.2 mg/dL

**Alkaline phosphatase**

Normal range: 44 - 121 IU/L

**AST**

Normal range: 0 - 40 IU/L

**ALT**

Normal range: 0 - 44 IU/L



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## HEMOGLOBIN A1C

### Hemoglobin A1C

Normal range: 4.8 - 5.6 %



Prediabetes: 5.7 - 6.4

Diabetes: >6.4

Glycemic control for adults with diabetes: <7.0

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## LIPID PANEL

### Cholesterol, total

Normal range: 100 - 199 mg/dL



### Triglycerides

Normal range: 0 - 149 mg/dL



### HDL cholesterol

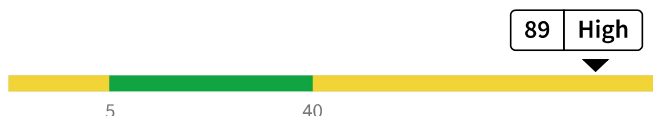
Normal value: >39 mg/dL

Value

41

### VLDL cholesterol cal

Normal range: 5 - 40 mg/dL



### LDL cholesterol calculated

Normal range: 0 - 99 mg/dL



### Non-HDL cholesterol

Normal range: 0 - 129 mg/dL



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## THYROID STIMULATING HORMONE

### TSH

Normal range: 0.450 - 4.500 uIU/mL



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## HEPATITIS C VIRUS (HCV) ANTIBODY WITH REFLEX TO PCR

### Hepatitis C Ab

Normal value: Non Reactive

Value

**Non Reactive**

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## HIV 1/2 ANTIGEN/ANTIBODY, FOURTH GENERATION, WITH REFLEXES

### HIV antigen/antibody 4th gen

Normal value: Non Reactive

Value

**Non Reactive**

HIV-1/HIV-2 antibodies and HIV-1 p24 antigen were NOT detected.  
There is no laboratory evidence of HIV infection.

HIV Negative

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## INTERPRETATION

### Interpretation

Value

**Comment**

Not infected with HCV unless early or acute infection is suspected (which may be delayed in an immunocompromised individual), or other evidence exists to indicate HCV infection.

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