

COMPREHENSIVE METABOLIC PANEL - D...

Comments from the Doctor's Office

Dear Nicolette,

Thank you for doing your lab.

Your screening test for Hepatitis C is normal.

Your total cholesterol is good. Your HDL is low. Ideally this should be above 50 in women. Please incorporate more omega 3 rich foods such as fish and olive oil in your diet. Your triglycerides are high. Pls watch your fat intake and exercise regularly. Your LDL or bad cholesterol level looks good.

Your screening test for diabetes is normal. Your test to check your kidneys, electrolytes and liver is normal as well.

Sincerely,

Dr. Bautista

Component Results

Component	Your Value	Standard Range	Flag
Na	Your Value 139 mmol/L	<i>Standard Range</i> 134 - 145 mmol/L	
K	Your Value 4.1 mmol/L	<i>Standard Range</i> 3.3 - 5.0 mmol/L	
Cl	Your Value 105 mmol/L	<i>Standard Range</i> 99 - 111 mmol/L	
CO2	Your Value 27 mmol/L	<i>Standard Range</i> 22 - 33 mmol/L	
Anion Gap	Your Value 7	<i>Standard Range</i> 2 - 13	

Component	Your Value	Standard Range	Flag
Glucose	Your Value 81 mg/dL	<i>Standard Range</i> <i>65 - 99 mg/dL</i>	
Diagnostic Categories (per ADA):			
Fasting:			
< 100 mg/dL = Normal			
100 to 125 mg/dL = IFG (Impaired Fasting Glucose)			
>= 126 mg/dL = Diagnosis of Diabetes.*			
2 Hr OGTT:			
< 140 mg/dL = Normal			
140 to 199 mg/dL = IGT (Impaired Glucose Tolerance)			
>= 200 mg/dL = Diagnosis of Diabetes.*			
* In the absence of unequivocal hyperglycemia, results should be confirmed by repeat testing.			
In Pediatric patients, type 1 diabetes is more common and may warrant more immediate attention.			
BUN	Your Value 12 mg/dL	<i>Standard Range</i> <i>2 - 23 mg/dL</i>	
Creatinine	Your Value 0.74 mg/dL	<i>Standard Range</i> <i>0.60 - 1.30 mg/dL</i>	
Bun/Creatinine	Your Value 16.2	<i>Standard Range</i> <i>5.0 - 28.0</i>	
Calcium	Your Value 9.0 mg/dL	<i>Standard Range</i> <i>8.3 - 10.4 mg/dL</i>	
Alkaline Phosphatase	Your Value 96 IU/L	<i>Standard Range</i> <i>40 - 130 IU/L</i>	
Bilirubin Total	Your Value 0.43 mg/dL	<i>Standard Range</i> <i>0.10 - 1.10 mg/dL</i>	
AST	Your Value 33 IU/L	<i>Standard Range</i> <i>8 - 48 IU/L</i>	
ALT	Your Value 29 IU/L	<i>Standard Range</i> <i>7 - 54 IU/L</i>	
Total Protein	Your Value 7.4 g/dL	<i>Standard Range</i> <i>5.9 - 8.2 g/dL</i>	

Component	Your Value	Standard Range	Flag
Albumin	Your Value 3.7 g/dL	<i>Standard Range</i> 3.0 - 5.0 g/dL	
Globulin	Your Value 3.7 g/dL	<i>Standard Range</i> 1.6 - 4.0 g/dL	
Albumin/Globulin Ratio	Your Value 1.0	<i>Standard Range</i> 0.6 - 2.8	
Estimated GFR	Your Value >60 mL/min/1.73 m ²	<i>Standard Range</i> ≥60 mL/min/1.73 m ²	

Clinical practice guidelines suggest the use of serum cystatin C as a confirmatory test for eGFR 45-59 mL/min/1.73m² in adults who do not have markers of kidney disease; eGFR may be less accurate in this range.

Over 18 years:

Creatinine values and the eGFRs are IDMS standardized. For renal dosing of medications in elderly and/or under-weight patients, use calculated Creatinine Clearance instead of eGFR. To adjust for any other unknown variables, see NKDEP website at www.nkdep.nih.gov

Under 18 years:

eGFRs are not calculated for children <18 yrs old. To adjust for unknown variables, see NKDEP website at www.nkdep.nih.gov

General Information

Ordered by Ellen P. Bautista, MD

Collected on 03/03/2022 7:38 AM (Blood)

Resulted on 03/03/2022 6:16 PM

Result Status: Final result

This test result has been released by an automatic process.

If you have any questions or concerns about your test, please contact your clinic to review your results with your physician.