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COMPREHENSIVE METABOLIC PANEL - Details

Comments from the Doctor's Office

Your labs look fine, except that your vitamin D is low. Take your vitamin D as prescribed.

Component Results

Component	Your Value	Standard Range
Glucose	<b>Your Value</b> 99 mg/dL	<i>Standard Range</i> 70 - 99 mg/dL
BUN	<b>Your Value</b> 20 mg/dL	<i>Standard Range</i> 6 - 20 mg/dL
Creatinine	<b>Your Value</b> 0.75 mg/dL	<i>Standard Range</i> 0.90 - 1.30 mg/dL
Calcium	<b>Your Value</b> 9.8 mg/dL	<i>Standard Range</i> 8.6 - 10.0 mg/dL
Sodium	<b>Your Value</b> 140 mmol/L	<i>Standard Range</i> 136 - 145 mmol/L
Potassium	<b>Your Value</b> 3.8 mmol/L	<i>Standard Range</i> 3.5 - 5.1 mmol/L
Chloride	<b>Your Value</b> 104 mmol/L	<i>Standard Range</i> 98 - 107 mmol/L
CO2	<b>Your Value</b> 26 mmol/L	<i>Standard Range</i> 22 - 32 mmol/L
Anion Gap	<b>Your Value</b> 10.0 mmol/L	<i>Standard Range</i> 5.0 - 15.0 mmol/L

Component	Your Value	Standard Range
Albumin	<b>Your Value</b> 4.6 g/dL	<i>Standard Range</i> 3.5 - 5.2 g/dL
Bilirubin, Total	<b>Your Value</b> 1.4 mg/dL	<i>Standard Range</i> 0.3 - 1.2 mg/dL
Alkaline Phosphatase	<b>Your Value</b> 53 IU/L	<i>Standard Range</i> 34 - 104 IU/L
Total Protein	<b>Your Value</b> 7.1 g/dL	<i>Standard Range</i> 6.4 - 8.3 g/dL
ALT/SGPT	<b>Your Value</b> 12 IU/L	<i>Standard Range</i> 17 - 63 IU/L
AST/SGOT	<b>Your Value</b> 15 IU/L	<i>Standard Range</i> 15 - 41 IU/L
Calcium (corrected for albumin)	<b>Your Value</b> 9.3 mg/dL	<i>Standard Range</i> 8.6 - 10.0 mg/dL
Calculated Osmolality	<b>Your Value</b> 282 mosm/L	<i>Standard Range</i> 266 - 293 mosm/L
Est GFR, NonAfrican American	<b>Your Value</b> 113 ml/min/SA	<i>Standard Range</i> >60 ml/min/SA
Est GFR, African American	<b>Your Value</b> 131 ml/min/SA	<i>Standard Range</i> >60 ml/min/SA

Estimated GFR (eGFR) calculated using the CKD-EPI equation.

Results should be interpreted with caution in situations that predispose to inaccuracies of the eGFR, including non-steady state creatinine (acute kidney injury), extremes of muscle mass/body size, high protein diets/supplement use, dialysis, loss of extracellular fluid, drugs interfering with renal tubular secretion (eg cimetidine, trimethoprim) or gut creatinase activity (antibiotics), and analytic interferences related to altered metabolites (glucose, ketones, bilirubin) or drugs. This equation has been validated using predominantly US/European black and white populations; accuracy in other races/ethnicities is not well defined.

Component	Your Value	Standard Range
<b>BUN Creatinine Ratio</b>	<b>Your Value</b> <b>27 RATIO</b>	<i>Standard Range</i> <i>RATIO</i>

## General Information

Ordered by Karen Elmore, MD

Collected on 07/20/2020 9:52 AM from Arm, Left (Venipuncture) (Blood)

Resulted on 07/20/2020 1:20 PM

Result Status: Final result

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