

COMPREHENSIVE METABOLIC PANEL - Details

Comments from the Doctor's Office

All acceptable

-----Viewed by John Mill on 2/23/2020 12:04 PM-----Labs

acceptable

Component Results

Component	Your Value	Standard Range
Sodium	Your Value 141 mmol/L	<i>Standard Range</i> 135 - 145 mmol/L
Potassium	Your Value 4.6 mmol/L	<i>Standard Range</i> 3.5 - 5.3 mmol/L
Chloride	Your Value 100 mmol/L	<i>Standard Range</i> 96 - 108 mmol/L
CO2	Your Value 25 mmol/L	<i>Standard Range</i> 22 - 31 mmol/L
Anion Gap	Your Value 16 mmol/L	<i>Standard Range</i> 5 - 17 mmol/L
Glucose	Your Value 95 mg/dL	<i>Standard Range</i> 70 - 99 mg/dL
BUN	Your Value 15 mg/dL	<i>Standard Range</i> 7 - 23 mg/dL
Creatinine	Your Value 0.84 mg/dL	<i>Standard Range</i> 0.50 - 1.30 mg/dL
Calcium	Your Value 9.7 mg/dL	<i>Standard Range</i> 8.4 - 10.5 mg/dL

Component	Your Value	Standard Range
PROTEIN, TOTAL *	Your Value 7.3 g/dL	<i>Standard Range</i> <i>6.0 - 8.3 g/dL</i>
Albumin	Your Value 4.7 g/dL	<i>Standard Range</i> <i>3.3 - 5.0 g/dL</i>
Total Bilirubin	Your Value 0.4 mg/dL	<i>Standard Range</i> <i>0.2 - 1.2 mg/dL</i>
AST	Your Value 21 U/L	<i>Standard Range</i> <i>10 - 40 U/L</i>
ALT	Your Value 18 U/L	<i>Standard Range</i> <i>10 - 45 U/L</i>
Alkaline Phosphatase	Your Value 51 U/L	<i>Standard Range</i> <i>40 - 120 U/L</i>
eGFR, African-American	Your Value 147 mL/min	<i>Standard Range</i> <i>>=60 mL/min</i>
eGFR, Non African-American	Your Value 127 mL/min	<i>Standard Range</i> <i>>=60 mL/min</i>

Component	Your Value	Standard Range
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Interpretative comment

The units for eGFR are ml/min/1.73m² (normalized body surface area). The eGFR is calculated from a serum creatinine using the CKD-EPI equation. Other variables required for calculation are race, age and sex. Among patients with chronic kidney disease

(CKD), the eGFR is useful in determining the stage of disease according to KDOQI CKD classification. All eGFR results are reported numerically with the following interpretation.

GFR With Without

(ml/min/1.73 m²) Kidney Damage Kidney Damage

>= 90 Stage 1 Normal

60-89 Stage 2 Decreased GFR

30-59 Stage 3 Stage 3

15-29 Stage 4 Stage 4

< 15 Stage 5 Stage 5

Each stage of CKD assumes that the associated GFR level has been in effect for at least 3 months. Determination of stages one and two (with eGFR > 59 ml/min/m²) requires estimation of kidney damage for at least 3 months as defined by structural or functional abnormalities.

Limitations: All estimates of GFR will be less accurate for patients at extremes of muscle mass (including but not limited to frail elderly, critically ill, or cancer patients), those with unusual diets, and those with conditions associated with reduced

secretion or extrarenal elimination of creatinine. The eGFR equation is not recommended for use in patients with unstable creatinine levels.

General Information

Ordered by Sarmistha Bhattacharya, MD

Collected on 02/07/2020 9:28 PM (Blood)

Resulted on 02/14/2020 12:11 AM Result

Status: Edited Result - FINAL