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

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

Component	Your Value	Standard Range

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 (ml/min/1.73 m2)	With Kidney Damage	Without 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 e
ffect 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 02/07/2016 9:28 PM (Blood)

Resulted on 02/14/2016 12:11 AM Result

Status: Edited Result - FINAL