Redcliffe labs

Patient Name	:		
DOB/Age/Gender	:	Bill Date	:
Patient ID / UHID	:	Sample Collected	:
Referred By			:
Sample Type	:	Report Date	:
Barcode No	:	Report Status	:

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY REPORT			
Estimated Glomerular Filtration Rate (eGFR)			
CREATININE Method : JAFFES	**1.4**	mg/dL	0.72 - 1.25
eGFR (CKD-EPI)	61	ml/min/1.73 sq m	Normal Or High: >= 90
			Mild Or Decrease: 60-89
			Mild To Moderate Decrease: 45-59
			Mild To Severe Decrease: 30-44
			Severe Decrease: 15-29
			Kidney Failure: < 15

Interpretation:

1. The CKD-EPI equation, expressed as a single equation, is:

- GFR = 141 * min(Scr/κ,1)$^{\alpha}$ * max(Scr/κ, 1)$^{-1.209}$ * 0.993^{Age} * 1.018 [if female] * 1.159 [if black]

Scr is serum creatinine (mg/dL), κ is 0.7 for females and 0.9 for males, α is -0.329 for females and -0.411 for males, min indicates the minimum of Scr/κ or 1, and max indicates the maximum of Scr/κ or 1.

2. The CKD-EPI (Chronic Kidney Disease Epidemiology Collaboration) equation was developed in an effort to create a more precise formula to estimate glomerular filtration rate (GFR) from serum creatinine and other readily available clinical parameters, especially at when actual GFR is >60 mL/min per 1.73m^2.

Reference: Levey et al. Annals of Internal Medicine 2009 May 5, 150 (9): 604-12

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2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.

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