

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 8/2/2017  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Cystatin and Creatinine With eGFR**

ARUP test code 3018316

Cystatin C 0.86 mg/L (Ref Interval: 0.68-1.05)

Creatinine, Serum or Plasma 0.53 mg/dL (Ref Interval: 0.30-0.60)

eGFR by CKD-EPI Creatinine-Cystatin 2021 Not Applicable

Age Less than 18 Years. 2021 CKD EPI eGFR Creatinine-Cystatin C equation is not validated in this age group. Cannot calculate estimated glomerular filtration rate (eGFR).

**INTERPRETIVE INFORMATION: Cystatin and Creatinine with eGFR**

The estimated glomerular filtration rate (eGFR) was calculated using the 2021 CKD-EPI eGFR creatinine-cystatin equation. This equation is validated in individuals 18 years of age and older. Accurate estimation of GFR requires stable day-to-day filtration markers (creatinine and cystatin C). Filtration markers are influenced by non-GFR determinants including generation from cells and diet, tubular secretion and reabsorption, and extra-renal elimination. These determinants may affect eGFR accuracy. The eGFR is normalized to a body surface area of 1.73 square meters.

**GFR Categories in Chronic Kidney Disease (CKD)**

| GFR Category: | GFR (mL/min/1.73 square meters): | Interpretation:             |
|---------------|----------------------------------|-----------------------------|
| G1            | 90 or greater                    | Normal to high*             |
| G2            | 60-89                            | Mild decrease*              |
| G3a           | 45-59                            | Mild to moderate decrease   |
| G3b           | 30-44                            | Moderate to severe decrease |
| G4            | 15-29                            | Severe decrease             |
| G5            | 14 or less                       | Kidney failure              |

\*In the absence of evidence of kidney damage, neither GFR category G1 nor G2 fulfill the criteria for CKD (Kidney Int Suppl 2013;3:1-150)

**H=High, L=Low, \*=Abnormal, C=Critical**

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

| Procedure                                | Accession     | Collected        | Received         | Verified/Reported |
|--|---------------|------------------|------------------|-------------------|
| Cystatin C                               | 24-297-128766 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Creatinine, Serum or Plasma              | 24-297-128766 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| eGFR by CKD-EPI Creatinine-Cystatin 2021 | 24-297-128766 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |

END OF CHART

H=High, L=Low, \*=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 24-297-128766  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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