# BUN/Creatinine Ratio Chart

**Patient name:** John Doe

**Date of birth:** May 15, 1975

**Patient ID:** xxxxxxxxxxx

**Reason for testing / symptoms:**

Routine health check-up, assessing kidney function.

No significant clinical symptoms were reported. The patient appears generally well.

## BUN and Creatinine reference ranges

| Urea nitrogen (BUN) | | |
|---|---|---|
| **Age** | **Male** (mg/dL) | **Female** (mg/dL) |
| <1 Month | 4-12 | 3-17 |
| 1-11 Months | 2-13 | 4-14 |
| 1-3 Years | 3-12 | 3-14 |
| 4-19 Years | 7-20 | 7-20 |
| ≥20 Years | 7-25 | 7-25 |
| **Creatinine** | | |
| **Age** | **Male** (mg/dL) | **Female** (mg/dL) |
| ≤2 days | 0.79-1.58 | 0.79-1.58 |
| 3-27 days | 0.35-1.23 | 0.35-1.23 |
| 1 month-9 years | 0.20-0.73 | 0.20-0.73 |
| 10-12 years | 0.30-0.78 | 0.30-0.78 |
| 13-15 years | 0.40-1.05 | 0.40-1.00 |
| 16-17 years | 0.60-1.20 | 0.50-1.00 |
| 18-19 years | 0.60-1.26 | 0.50-1.00 |
| 20-49 years | 0.60-1.35 | 0.50-1.10 |
| 50-59 years | 0.70-1.33 | 0.50-1.05 |
| 60-69 years | 0.70-1.25 | 0.50-0.99 |
| 70-79 years | 0.70-1.18 | 0.60-0.93 |
| ≥80 years | 0.70-1.11 | 0.60-0.88 |

# BUN/Creation ratio

**Formula:** *BUN Creatinine Ratio = BUN (mg/dL) / Creatinine (mg/dL)*

| | BUN: Cr |
|---|---|
| **Pre-renal cause of AFR** | >20:1 |
| **Normal or post-renal** | 10-20:1 |
| **Intrinsic renal cause of AFR** | >10:1 |

## Blood test results

**BUN level (mg/dL):** 15.2 **Creatinine level (mg/dL):** 1.0

**BUN / Creatinine ratio:** 15.2 **Interpretation:** Falls within normal range.

**Notes:**

No immediate interventions are required, given the normal BUN/Creatinine Ratio. Advise the patient to maintain regular follow-ups for ongoing monitoring.


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