

Pediatric Reference Range Updates for Creatinine

On March 13, 2023, as part of continued EPIC Beaker optimization in the UVMHN, the pediatric reference ranges, lower detection limit, and highest reportable value are being refined for serum/plasma creatinine.

| Orderable Name | Epic Code | Atlas Code | Mayo Access ID |
|--------------------------|-----------|------------|----------------|
| Creatinine, Serum/Plasma | LAB66 | CREAT | FAH5382 |

Please refer to the table below for the changes.

| Hospital | What's being updated? | Old Reference Range | New Reference Range |
|----------|--|---------------------|---------------------|
| AHMC | Reference Range for Children 15 days to 2 years of age | 0.10 – 0.40 mg/dL | ≤0.40 mg/dL |
| CVMC | Reference Range for Children 15 days to 2 years of age | 0.09 – 0.33 mg/dL | ≤0.33 mg/dL |
| CVMC | Lower Detection Limit | 0.20 mg/dL | 0.15 mg/dL |
| CVMC | Highest Reportable Value | 65.00 mg/dL | 70.00 mg/dL |
| CVPH | Reference Range for Children 15 days to 2 years of age | 0.10 – 0.40 mg/dL | ≤0.40 mg/dL |
| ECH | Highest Reportable Value | 20.00 mg/dL | 40.00 mg/dL |
| ECH TI | Highest Reportable Value | 20.00 mg/dL | 40.00 mg/dL |
| UVMC | Reference Range for Children 15 days to 2 years of age | 0.09 – 0.33 mg/dL | ≤0.33 mg/dL |
| UVMC | Lower Detection Limit | 0.20 mg/dL | 0.15 mg/dL |
| UVMC | Highest Reportable Value | 65.00 mg/dL | 70.00 mg/dL |

If you have any questions or concerns regarding these changes, please reach out to the Medical Director of Clinical Chemistry at UVMC (clayton.wilburn@uvmhealth.org).

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