Creatinine-S

Sekisui’s Creatinine-S method is a modified kinetic, Jaffé procedure, capable of further reducing potential interferences when compared to conventional kinetic creatinine methods. It is intended for the measurement of creatinine concentration in serum and urine.

**FOR THE QUANTITATIVE MEASUREMENT OF CREATININE**

### Creative Information

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Configuration</th>
<th>Catalog Number</th>
</tr>
</thead>
</table>
| CREATININE-S     | R1 2 X 250 mL  
R2 1 X 125 mL  
1 X 15 mL CALIBRATOR* | 221-30 |
| CREATININE-S     | R1 1 X 1000 mL  
R2 1 X 250 mL | 221-50 |
| DC-CAL CALIBRATOR | 5 X 3 mL | SE-035 |
| DC-TROL LEVEL 1 | 10 X 5 mL | SM-052 |
| DC-TROL LEVEL 2 | 10 X 5 mL | SM-056 |

*Calibrator for Manual Assays Only
### PERFORMANCE CHARACTERISTICS

#### PRECISION

<table>
<thead>
<tr>
<th></th>
<th>SERUM</th>
<th>URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within-Run</td>
<td>&lt;1.7%</td>
<td>&lt;0.9%</td>
</tr>
<tr>
<td>Day to Day</td>
<td>&lt;2.9%</td>
<td>&lt;1.4%</td>
</tr>
</tbody>
</table>

#### ACCURACY

**SERUM**
- Slope: 1.008
- Intercept: 0.003 mg/dL (0.27 μmol/L)
- Correlation Coefficient: 0.999

**URINE**
- Slope: 0.9535
- Intercept: 0.01 mg/dL (0.88 μmol/L)
- Correlation Coefficient: 0.9998

#### LINEARITY

- Serum: 0.1 - 22.0 mg/dL (4 - 1945 μmol/L)
- Urine: 0.1 - 22.0 mg/dL (4 - 1945 μmol/L)

#### NO SIGNIFICANT INTERFERENCES

- Up to levels indicated:
  - Hemoglobin: 750 mg/dL (116 μmol/L)
  - Bilirubin: 10 mg/dL (171 μmol/L)
  - Intralipid: 1000 mg/dL (3000 mg/dL [33.9 mmol/L] simulated triglycerides)

#### REFERENCE RANGE (1)

<table>
<thead>
<tr>
<th></th>
<th>Serum: 0.5 - 1.2 mg/dL (44 - 106 μmol/L)</th>
<th>Urine 24 hour:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>800 - 2000 mg/24 hours (7072 - 17680 μmol/24 hours)</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>600 - 1800 mg/24 hours (5304 - 15912 μmol/24 hours)</td>
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</tbody>
</table>

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### NOTES: