## Step 2: Stage CKD

<table>
<thead>
<tr>
<th>Stage</th>
<th>Creatinine in mg/dL</th>
<th>SDMA* in µg/dL</th>
<th>UPC ratio</th>
<th>Systolic blood pressure in mm Hg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stage 1</td>
<td>Less than 1.4 (125 µmol/L)</td>
<td>Less than 18</td>
<td>Nonproteinuric &lt;0.2</td>
<td>Normotensive &lt;140</td>
</tr>
<tr>
<td>Stage 2</td>
<td>1.4–2.8 (125–250 µmol/L)</td>
<td>18–35</td>
<td>Borderline proteinuric 0.2–0.5</td>
<td>Prehypertensive 140–159</td>
</tr>
<tr>
<td>Stage 3</td>
<td>2.9–5.0 (251–440 µmol/L)</td>
<td>36–54</td>
<td>Proteinuric &gt;0.5</td>
<td>Hypertensive 160–179</td>
</tr>
<tr>
<td>Stage 4</td>
<td>Greater than 5.0 (440 µmol/L)</td>
<td>Greater than 54</td>
<td></td>
<td>Severely hypertensive ≥180</td>
</tr>
</tbody>
</table>

### Creatinine
- **Canine**
  - Stage based on stable creatinine
    - Less than 1.4 (125 µmol/L)
    - 1.4–2.8 (125–250 µmol/L)
    - Greater than 5.0 (440 µmol/L)

### SDMA*
- **Canine**
  - Less than 18
- **Feline**
  - Less than 18

### UPC ratio
- **Canine**
  - Nonproteinuric <0.2
  - Borderline proteinuric 0.2–0.5
  - Proteinuric >0.5
- **Feline**
  - Nonproteinuric <0.2
  - Borderline proteinuric 0.2–0.4
  - Proteinuric >0.4

### Systolic blood pressure
- **Canine**
  - Normotensive <140
  - Prehypertensive 140–159
- **Feline**
  - Hypertensive 160–179
  - Severely hypertensive ≥180

---

**Note:** In the case of staging discrepancy between creatinine and SDMA, consider patient muscle mass and retesting both in 2–4 weeks. If values are persistently discordant, consider assigning the patient to the higher stage.

*SDMA = IDEXX SDMA® Test