Kidney Profile Plus

**Analytes**
ALP, BUN, CA, CL, CRE, GLU, PHOS, K⁺, Na⁺ and tCO₂

**Ideal For**
Kidney Evaluation and monitoring in cats and dogs of all ages as well as implementing and streamlining your renal function monitoring protocol.

**Used For**
- Monitoring patients on medication toxic to the renal system
- Monitoring Addisonian patients
- Blocked cats (lower urinary tract disease)

**Rotor Utilization**
Evaluate kidney function for all patients with the accurate and cost-effective VetScan Kidney Profile Plus. Including all kidney specific analytes, complete electrolytes and initial acid-base evaluation, the Kidney Profile Plus allows for more cost-effective monitoring of renal patients, allowing you to practice the type of medicine you want, at a price that suits your practice.

**Featured Tests**
- Albumin
- Blood Urea Nitrogen
- Calcium
- Chloride
- Creatinine
- Glucose
- Phosphorus
- Potassium
- Sodium
- Total Carbon Dioxide

The Kidney Profile Plus is designed for use with the easy to use VetScan VS2 Chemistry analyzer. With few hands-on steps and no extra training required, every user can run 10 chemistries critical to monitoring their patient’s needs with accurate results in just 12 minutes.

**Background**
Kidney disease typically affects older animals.
- Half of all cats with kidney disease are > 7 years old
- Half of all dogs with kidney disease are > 10 years old

Kidney disease is 7 times more common in cats than it is in dogs. In 2011, 1 in every 12 geriatric cats had some form of kidney disease.

In 2011, approximately 20 in 10,000 dogs seen at Banfield hospitals were suffering from some form of kidney disease. This number jumps to nearly 160 cats in every 10,000 that showed some form of renal dysfunction. According to this same data, the numbers for cats are steadily increasing. See charts below for historical data.

**Cases Per Year**

<table>
<thead>
<tr>
<th>Year</th>
<th>Dog Cases (per 10,000)</th>
<th>Cat Cases (per 10,000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>180</td>
<td>180</td>
</tr>
<tr>
<td>2008</td>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>2009</td>
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<td>140</td>
</tr>
<tr>
<td>2010</td>
<td>120</td>
<td>120</td>
</tr>
<tr>
<td>2011</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
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Key takeaway: Despite the low overall prevalence over the last five years, kidney disease poses a serious problem for geriatric dogs. In fact, since 2007, the number of dogs over 10 years of age diagnosed with kidney disease has increased almost 22 percent over the last 5 years.

Key takeaway: The prevalence of kidney disease in cats is on the rise with a 15 percent increase since 2007. Pet owners diagnosed with kidney disease can diagnose their disease in the early stages and seek help before irreversible damage occurs.