Kangaroo DIAG™ canine wet diet contains a limited number of highly digestible ingredients for a diagnostic elimination trial in dogs with suspected adverse reactions to food. Inclusion of one protein source (low fat kangaroo) and one carbohydrate source (potato starch) with no fat sources or other additions results in a diet that is as close to home formulation as possible\textsuperscript{1,2,3}. This diet is not completely balanced and is inappropriate for long term feeding. It is intended for diagnostic purposes, and should only be provided under the supervision of a veterinarian.

**Features:**
- One animal protein source\textsuperscript{1,2,3,4}
- One carbohydrate source\textsuperscript{1,2,3,4}
- No animal fat, corn, or grain (potential allergen sources)\textsuperscript{1,3,5}
- Low fat
- High palatability
- High quality protein for lean body mass
- High digestibility

**Therapeutic Indications:**
- Diet elimination trial for the diagnosis of adverse reactions to food (dermatologic and gastrointestinal)\textsuperscript{1,2,3,4}
- Diet elimination trials required in patients with fat intolerant diseases (chronic pancreatitis, hyperlipidemia, protein losing enteropathies, gastroenteropathies responsive to fat restriction)\textsuperscript{6,7,8,9,10}

**INGREDIENTS (WET):**
Kangaroo, water, potato starch, guar gum, sea salt.

**NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CAN:**
Wet (400g)

ME: 762 kcal/kg % as is; 3879 kcal/kg % dry weight
Approximate kcal/can = 305

Percentage of Metabolizable Energy from:
- Protein 44.4 %
- Fat 21.5 %
- CHO-NFE 33.8 %

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FEEDING GUIDELINES
- Always follow your veterinarian’s instructions, as feeding amounts can vary by as much as 30% between dogs\textsuperscript{1,2}
- The tables below can be used to estimate the amount to feed using the dog’s optimum weight
- Always introduce new foods gradually over 5-7 days by substituting larger amounts of the new food in place of the old diet
- This diet should be fed only for the length of the diet elimination trial\textsuperscript{1,2,3}

<table>
<thead>
<tr>
<th>Weight Class</th>
<th>Cans to Feed Per Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lb</td>
<td>Kg</td>
</tr>
<tr>
<td>5 - 10</td>
<td>2.3 – 4.6</td>
</tr>
<tr>
<td>10 - 20</td>
<td>4.6 – 9.1</td>
</tr>
<tr>
<td>20 - 30</td>
<td>9.1 -13.6</td>
</tr>
<tr>
<td>30 - 40</td>
<td>13.6 - 18.2</td>
</tr>
<tr>
<td>40 - 50</td>
<td>18.2 - 22.7</td>
</tr>
<tr>
<td>50 - 60</td>
<td>22.7 - 27.3</td>
</tr>
<tr>
<td>60 - 70</td>
<td>27.3 - 31.8</td>
</tr>
<tr>
<td>70 - 80</td>
<td>31.8 - 36.4</td>
</tr>
<tr>
<td>80 - 90</td>
<td>36.4 - 40.9</td>
</tr>
<tr>
<td>90 - 100</td>
<td>40.9 - 45.5</td>
</tr>
</tbody>
</table>

Feeding guidelines are from the AAHA 2010 Nutritional Assessment Guidelines for Dogs and Cats\textsuperscript{1}. The above tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog’s individual energy requirement. Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

NUTRITIONAL ADEQUACY FOR DIFFERENT LIFE STAGES
This diet is not balanced and is not appropriate for long term feeding. It is for diagnostic purposes only and is intended for use only under the close supervision of a veterinarian. This diet is not appropriate for use in growing dogs\textsuperscript{3,12}.

COMPATIBLE TREATS
Rayne Rewards S.I.T Kangaroo treats (40kcal/treat) are appropriate throughout a diet elimination trial, and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo
rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits (20kcal/treat) are acceptable in a stable allergic or a non-allergic patient.

Ensure that energy intake from treats does not exceed 10 % of daily kcal intake, and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.\textsuperscript{15}

**SUGGESTED TRANSITION DIETS AFTER ELIMINATION TRIAL**

For patients who do well on Kangaroo DIAG, a slow transition to Low-Fat Kangaroo MAINT™ (wet or dry) is advised. Ideally a transition is made with either the wet diet or dry diet alone initially to assess patient tolerance and then if successful the other diet (ie. wet or dry) can be transitioned in.

**HELP**

*For veterinarians wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.*

**References to support the above clinical indications and aid client discussions about the benefits of the above veterinary exclusive diets include:**


*Last updated: November 7, 2016 (400)*