UNIVAC VACCINES

KEEPING DOGS HEALTHY WITH VACCINATIONS AT HOME
SAFE, EASY, GENTLE, ECONOMICAL

You can count on the ProLabs® family of pet vaccines when your customers demand the convenience of at-home vaccinations to protect dogs from major diseases. Quality vaccines from ProLabs means healthier pets, big savings for pet owners and breeders, and increased sales and profits for your business.

**KEEPING DOGS HEALTHY WITH VACCINATIONS AT HOME**

**Guide to canine vaccinations**
ProLabs offers USDA approved vaccines for use in healthy dogs to protect them against disease. See the listing (above right) for a complete list of vaccination protections.

- Univac 5, 6, 9 & 10 contain a combination of immunogenic, attenuated strains of Canine Distemper, Canine Adenovirus Type 2 (CAV-2), Canine Parainfluenza and Canine Parvovirus Type 2b, propagated in cell line tissue cultures
- Vaccines packaged in individually wrapped, tamper-proof polybags for protection from contamination
- Vaccines are intended to be administered to healthy animals. Animals incubating any disease or stressed due to shipping, malnutrition or parasitism may not achieve or maintain an adequate immune response
- Univac 2 is an easy to administer intranasal vaccine that protects your dog against Canine Upper Respiratory Infection (Kennel Cough) caused by canine parainfluenza and Bordetella bronchiseptica

**Vaccination is easy!**

1. Fill syringe with the liquid.
2. Inject the liquid into the dry vaccine and shake well.
3. Fill syringe with entire mixture.

* See packaging for complete instructions.

**Vaccine handling**
Vaccines are biological products and should always be handled according to directions. Keep the vaccines refrigerated until used. Never reuse a needle and syringe and safely discard them immediately after use.

**COMMON CANINE DISEASES**

**Coronavirus**
Coronavirus infection is a highly contagious disease of puppies that primarily attacks the intestinal tract and is more severe when combined with other viruses such as parvo. The disease is spread from dog to dog through contact with feces.

**Canine Bordetella**
This bacteria is the primary cause of kennel cough. It is highly contagious and spread via close contact with infected dogs. This vaccine is recommended for dogs that come in contact with other dogs, especially those that are housed, attended day care, are involved in competitions, dog shows or frequent a groomer. Kennel cough is generally not fatal, but does result in a prolonged hacking cough that can irritate both dog and owner.

**Canine Parainfluenza**
This virus affects the respiratory system and is often associated with kennel cough. This condition is generally mild but can severely affect puppies and debilitated dogs.

**Canine Parovirus**
This highly contagious virus can persist for long periods and is difficult to eliminate. Exposure occurs through contact with infected fecal matter. The virus usually results in bloody diarrhea, vomiting, abdominal pain and fever. Vaccination is an important means of preventing this disease.

**Canine Adenovirus**
The two common types of adenoviruses affecting dogs are CAV-1 and CAV-2. CAV-1 causes infectious hepatitis, which is cross-protected by CAV-2.

**Canine Leptospirosis**
Leptospira bacteria are spread through the infected urine of such animals as dogs, cattle, pigs and rodents. They thrive in wet areas. Regular vaccination is recommended for dogs likely to be exposed to the urine of other dogs, wild animals or wet environments.
Vaccinating your dog with the UNIVAC family of vaccines is simple. The age of your dog at the time you received them will determine the number of shots needed in their vaccination schedule.

### Recommended doses

<table>
<thead>
<tr>
<th>Vaccination schedule</th>
<th>Recommended doses</th>
<th>Recommended Age of Vaccination</th>
<th>Basic Vaccination Program</th>
<th>If Lepto is a concern</th>
<th>If Coronavirus is a concern</th>
<th>If Lepto &amp; Coronavirus is a concern</th>
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</thead>
<tbody>
<tr>
<td>First</td>
<td>6-8 weeks</td>
<td>UNIVAC 2 &amp; UNIVAC 5</td>
<td>UNIVAC 2 &amp; UNIVAC 5</td>
<td>UNIVAC 2 &amp; UNIVAC 6</td>
<td>UNIVAC 2 &amp; UNIVAC 10</td>
<td></td>
</tr>
<tr>
<td>Second</td>
<td>9-11 weeks</td>
<td>UNIVAC 5</td>
<td>UNIVAC 5</td>
<td>UNIVAC 6</td>
<td>UNIVAC 6</td>
<td></td>
</tr>
<tr>
<td>Third</td>
<td>12-14 weeks</td>
<td>UNIVAC 5</td>
<td>UNIVAC 9</td>
<td>UNIVAC 6</td>
<td>UNIVAC 10</td>
<td></td>
</tr>
<tr>
<td>Fourth</td>
<td>15-17 weeks</td>
<td>UNIVAC 5</td>
<td>UNIVAC 9</td>
<td>UNIVAC 6</td>
<td>UNIVAC 10</td>
<td></td>
</tr>
<tr>
<td>Annual Booster</td>
<td>For dogs with previous vaccination history</td>
<td>UNIVAC 5 &amp; UNIVAC 2</td>
<td>UNIVAC 9 &amp; UNIVAC 2</td>
<td>UNIVAC 6 &amp; UNIVAC 2</td>
<td>UNIVAC 10 &amp; UNIVAC 2</td>
<td></td>
</tr>
</tbody>
</table>

### Choosing the right vaccine

Vaccine choices are based upon the age of a dog, knowledge of the diseases prevalent in your area, risk of exposure to disease, and the health status of the pet. Many diseases can be easily prevented through routine vaccinations. The chart at right, outlines the most important diseases for which vaccines are available.

#### UNIVAC 2
- Bordetella
- Parainfluenza
- Distemper
- Adenovirus types 1 & 2
- Parvovirus
- Coronavirus
- Leptospira canicola
- Leptospira grippotyphosa
- Leptospira icterohaemorrhagiae
- Leptospira pomona

#### UNIVAC 5
- Additional protection for Canine Coronavirus

#### UNIVAC 6
- Additional protection for Canine Coronavirus

#### UNIVAC 9
- Additional protection for Canine Coronavirus
- Leptospira canicola
- Leptospira grippotyphosa
- Leptospira icterohaemorrhagiae
- Leptospira pomona

#### UNIVAC 10
- Additional protection for Canine Coronavirus
- Leptospira canicola
- Leptospira grippotyphosa
- Leptospira icterohaemorrhagiae
- Leptospira pomona

### Each package includes everything you need to vaccinate your dog
- One (1 dose) vial of dry vaccine
- One (1 mL) vial of vaccine diluent
- One syringe or pipette
- Instructions

UNIVAC VACCINES
PROLABS® PRODUCT FAMILY
Proven products from ProLabs® helps your customers protect
dogs and cats of all ages from major pet pests and diseases.

**DOGS & PUPPIES**

**FLEX Rx®**
- FLEX Rx is a revolutionary new joint health product for dogs.
- FLEX Rx works differently than traditional over the counter products, by addressing the underlying causes of joint deterioration.

**Worm Protector®**
- Removal of large roundworms and hookworms in dogs and puppies.
- Also used to prevent reinfection of *Toxocara canis* and *Toxascaris leonina*.

**Clear Ear Skin Soothe™ Breath Refresh™**
- Clear Ear, Skin Soothe & Breath Refresh harness the powerful therapeutic benefits and natural healing power of zinc.
- Zinc is an essential trace element that is critical to the health of many body functions including those that support proper ear, skin and oral care.

**Tape Worm Tabs®**
- Effective at-home control of tapeworms spread by fleas and rodents.
- Contains Praziquantel, proven 100 percent effective in ridding pets of tapeworms.
- Removes both types of tapeworms — *Taenia pisiformis* and *dipylidium caninum* — with a single dose in dogs and puppies over four weeks of age.

**CATS & KITTENS**

**Tape Worm Tabs®**
- Effective at-home control of tapeworms spread by fleas and rodents.
- Contains Praziquantel, proven 100 percent effective in ridding pets of tapeworms.
- Removes both types of tapeworms — *Taenia taeniaformis* & *dipylidium caninum* — with a single dose in cats and kittens over six weeks of age.