## HOW DO I RECOGNIZE CANINE COUGH?

The common clinical signs of canine cough are:







Coughing and retching

Nasal discharge

The cough is typically a deep, hacking cough that can be persistent.

- In some cases, dogs may run a fever, have a decreased appetite, and/or demonstrate signs of depression
- Symptoms can last from a few days to several weeks

Initially, the infective organisms enter the airways and may damage the lining of the upper respiratory tract. Sometimes the infection travels down to the lower respiratory tract, possibly leading to pneumonia and other more serious symptoms.



# TO PROTECT YOUR PET, TALK TO YOUR VET.



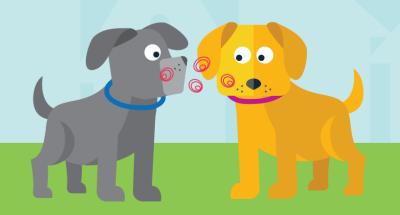
Canine cough is easily spread among social dogs.

#### TALK TO YOUR VETERINARIAN

about the vaccine options available to protect your dog.



### Could my dog be at risk?







#### WHAT CAUSES CANINE COUGH?

Canine cough is a highly contagious infectious disease of a dog's respiratory tract. Veterinarians call it canine infectious respiratory disease complex (CIRDC). It can be caused by a variety of different infectious organisms including the bacterium *Bordetella bronchiseptica*, parainfluenza virus, and canine adenovirus type 2. A multitude of other disease-causing organisms, such as canine influenza virus (dog flu virus), also play a role.

### WHERE CAN MY DOG GET CANINE COUGH?

Your dog can get canine cough simply by being in close proximity to an infected dog. Any dog, regardless of breed or age, can be at risk for canine cough. However, certain social activities, such as boarding and visiting the dog park, can further raise your dog's risk of infection.

#### HOW IS CANINE COUGH SPREAD?

Canine cough spreads the same way that the common cold spreads in humans. The organisms that cause canine cough are most commonly spread by the following means:

- Direct contact
  - playing with, licking, or nuzzling an infected dog
- Aerosol or airborne spreadcoughing or sneezing
- Contaminated surfaces
  - picking up infection from shared chews, toys, water bowls, etc

### HOW CAN CANINE COUGH BE PREVENTED?

Vaccination serves as our best means to help prevent and reduce the signs of canine cough. If you answer yes to one or more of the following questions, tell your veterinarian and ask if vaccination against canine cough is a good option for your dog.

#### Quickly assess your dog's risk

Does your dog:	YES NO
Meet other dogs on walks	$\bigcirc$
Visit dog parks	$\bigcirc$
Meet other dogs during social events	$\bigcirc$
Meet other dogs in a building	$\bigcirc$
Go to doggy daycare	$\bigcirc \bigcirc$
Go to training	$\bigcirc$
Attend dog events	$\bigcirc$
Go to boarding kennels	$\bigcirc$
Go to the groomer	$\bigcirc$





