

## CANINE VACCINATION INFORMATION



### **Bordetella (Kennel Cough)**

The Bordetella vaccine is a vaccine that is given to dogs that are frequently exposed to other dogs in boarding or social settings. Canine facilities, such as dog daycare centers, boarding kennels, shows, dog parks, and training classes often require dogs to have the vaccine. This is because Bordetella bronchiseptica is the most common bacterial agent responsible for kennel cough in dogs.

Bordetella bronchiseptica causes inflammation of your dog's upper respiratory system. This inflammation leads to coughing and illness and can expose your dog to secondary infections.

Bordetella bronchiseptica is one of several viral and bacterial agents responsible for kennel cough syndrome. Bordetella is highly contagious, easily transmitted through the air or direct contact, and resistant to destruction in the environment. In healthy adult dogs, Bordetella typically causes no more than a mild illness. In puppies or dogs with underlying health issues, however, it can cause severe illness or lead to other more severe conditions.

Once infected, dogs usually develop a harsh, hacking cough that can sound as though something is caught in their throat; it can also be associated with a honking cough. Symptoms generally appear between two and fourteen days after your pet has been exposed to the bacteria. The typical length of infection can be anywhere from four to twenty-one days.