

STUDY 1



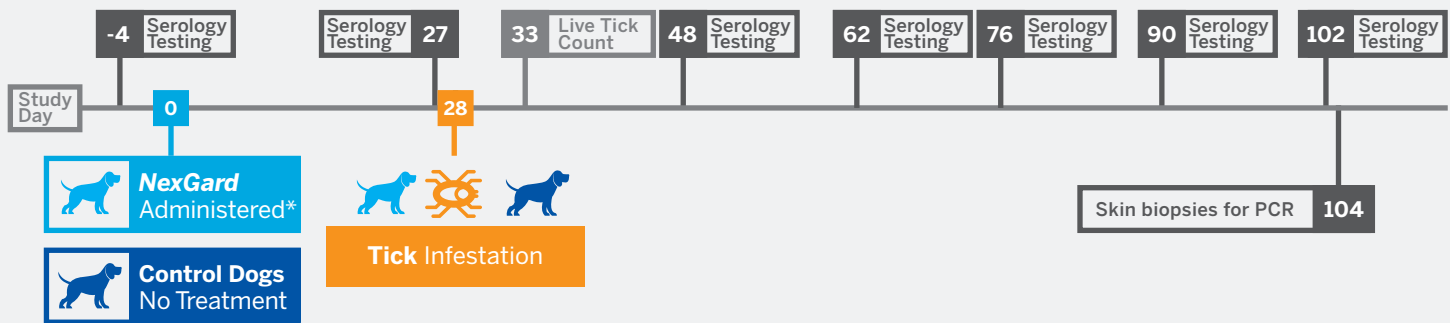
Tick Infestation:

- ✓ All dogs infested with ~50 adult, unfed, wild-caught *Ixodes scapularis* ticks on Study Day 28
- ✓ *B. burgdorferi* infection rate of ticks was determined to be 63.1%
- ✓ Ticks were removed and counted 5 days after infestation

Diagnostics:

Serology Testing: Dogs were tested for the presence of C6 *B. burgdorferi* antibody using the IDEXX SNAP[®]4Dx[®] test and Lyme Quant C6[®] test

PCR Testing: Dogs were tested for the presence of *B. burgdorferi* DNA by PCR testing of 4 skin biopsies per dog



*dosed as close as possible to minimum recommended dose of 2.5 mg/kg

Serology Test Results		
Study Day	NexGard-treated Dogs Positive for <i>B. burgdorferi</i>	Control Dogs Positive for <i>B. burgdorferi</i>
-4	0/10	0/10
27	0/10	0/10
48	0/10	6/10
62	0/10	10/10
76	0/10	10/10
90	0/10	10/10
102	0/10	10/10

PCR Testing

- All dogs treated with NexGard were PCR negative for *B. burgdorferi* on all 4 skin biopsies.
- All control dogs were PCR positive for *B. burgdorferi* in at least 3 of the 4 skin biopsies.

100% of dogs treated with NexGard were protected from *B. burgdorferi* infection.

IMPORTANT SAFETY INFORMATION: NexGard[®] (afoxolaner) is for use in dogs only. The most frequently reported adverse reactions include vomiting, itching, lethargy, diarrhea, and lack of appetite. The safe use of NexGard in pregnant, breeding, or lactating dogs has not been evaluated. Use with caution in dogs with a history of seizures or neurologic disorders. For more information, see enclosed full prescribing information or visit NexGardForDogs.com.

