



(*Borrelia burgdorferi* vaccine)

Broad Coverage Is Better Coverage

Discover the #1 Lyme vaccine
chosen by vets in the US¹

Vanguard® chimeric recombinant (cr) Lyme is the first and only vaccine
with demonstrated broad protection against diverse strains of Lyme

Feature #1

Vanguard® chimeric recombinant (cr) Lyme is the first and only vaccine with demonstrated broad protection against diverse strains of Lyme.⁴

Benefit #1

Broad Coverage Is Better Coverage.

Feature #2

Vanguard crLyme is the only Lyme disease vaccine directly demonstrated to elicit antibodies against diverse OspC types in field-collected ticks.⁴

Benefit #2

There are over 30 strains of Lyme disease in the US, each strain unique in its outer surface protein C (OspC) type.²

Feature #3

A 15-month immunity study showed Vanguard crLyme helped prevent transmission of *B. burgdorferi* from infected ticks to vaccinated dogs.

Benefit #3

According to the Companion Animal Parasite Council (CAPC) 1 in 30 US dogs tested positive for Lyme disease in 2022.³ (Less than 30% of each year's total positive tests are reported, placing the actual number of cases closer to 1.2 million.) Ticks are generally infected with multiple strains of Lyme (*B. burgdorferi*) bacterial strains.⁴

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For questions about Zoetis products,
contact your Zoetis Rep or the Customer Service team
in your region at 1-888-Zoetis1 (1-888-963-8471)

The prevalence of Lyme disease is increasing

There are over **30 strains**

of Lyme disease in the US, each strain unique in its outer surface protein C (OspC) type²

According to the Companion Animal Parasite Council (CAPC)

1 in 30 US dogs tested positive for Lyme disease in 2022³

CAPC data is only estimated to capture 30% of positive cases. That puts Lyme-positive cases at

nearly 1.2 million annually⁴

Ticks

are generally infected with

multiple strains of Lyme

(*B. burgdorferi*) bacterial strains⁴



Vanguard crLYME is the only vaccine that was developed to protect against multiple strains of Lyme⁵



*Artistic rendering – see product for full details

Indication: Effective for vaccination of healthy dogs 8 weeks of age or older against *Borrelia burgdorferi*.

Administration: 1 mL subcutaneously; dogs should be administered 2 doses, 3 weeks apart.

References: 1. Data on file. Animalix sales report, full year 2023. Zoetis Inc. 2. Gomes-Solecki M, Arnaboldi PM, Backenson PB, et al. Protective immunity and new vaccines for Lyme disease. *Clin Infect Dis*. 2020;70(8):1768-1773. doi:10.1093/cid/ciz872 3. CAPC: Parasite Prevalence Maps Canine Lyme Disease, USA, 2022. <https://capcvet.org/maps/#/2022/all-year/lyme-disease/dog/united-states> 4. Camire AC, Hatke AL, King VL, et al. Comparative analysis of antibody responses to outer surface protein (Osp)A and OspC in dogs vaccinated with Lyme disease vaccines. *Vet J*. 2021; 273:105676. doi:10.1016/j.tvjl.2021.105676 5. Marconi R, Garcia-Tapia D, Hoevers J, et al. VANGUARD®crLyme: A next generation Lyme disease vaccine that prevents *B. burgdorferi* infection in dogs. *Vaccine X*. 2020;6:100079.

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State the Issue

Ms. Smith, do you know at least 1 in 30 US dogs tested positive for Lyme disease in 2022 and ticks are generally infected with multiple strains of Lyme?

Or, for a follow up visit,
Ms. Smith, my exam revealed a need to modify Spot's prevention plan against Lyme disease risk.

State the Solution

So, when we talk about Lyme prevention, broad coverage is better coverage and Vanguard crLyme is the first and only vaccine with demonstrated broad protection against diverse strains of Lyme.

Make Your Recommendation

Ms. Smith, I believe Vanguard crLyme will help to keep your pet protected against this serious disease.