





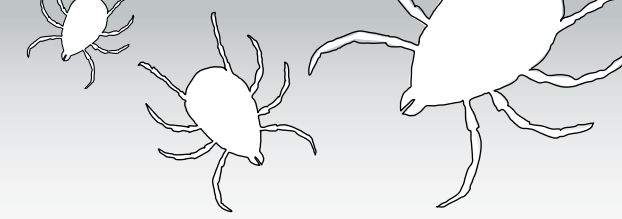
PROTECT AGAINST LYME WITH LESS.

Introducing the first and only
0.5 mL canine Lyme disease vaccine.

ULTRA™ Duramune Lyme® lets you offer patients the same
trusted protection as DURAMUNE LYME together with the
reduced injection volume that pet owners prefer.¹



ONE GREAT ADDITION TO 2 INNOVATIVE VACCINE LINES.



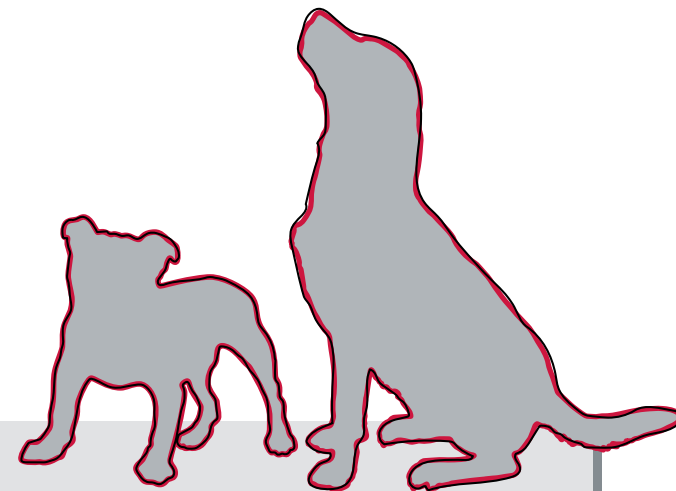
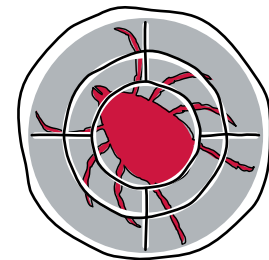
ULTRA™
DURAMUNE®
LYME

Now part of the Duramune Lyme® line of vaccines.

The newest option in the ULTRA line of 0.5 mL vaccines.*

Effective Lyme protection.

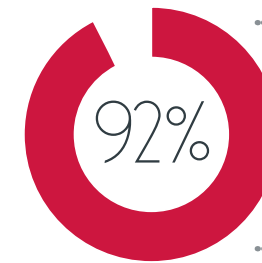
- Generates an immune response to multiple outer surface proteins (OSPs), including OSP A and OSP C, that can target the many shifting OSP expressions of *Borrelia burgdorferi*²
- Proven 92.2% effective against natural infection³
- In a field safety trial of 622 dogs and puppies, 92.4% had no reported adverse events after vaccination with ULTRA™ Duramune Lyme®⁴
 - The reported signs were typical for a trial with this design
 - There was a low frequency of local injection site reactions, and all were mild and transitory



Our complete portfolio of DURAMUNE LYME vaccines, including new ULTRA DURAMUNE LYME, **helps veterinarians build a low-volume vaccination protocol that fits their patients.**

Half the volume.

- **50% less volume** than standard vaccines
- **Effective disease protection** with minimal injection volume
- **Vaccines designed** for a more comfortable experience



.....
OF PET OWNERS would consider paying more for a vaccine that uses technology to purify and reduce volume.¹
.....

PUREFIL™
TECHNOLOGY

Designed to reduce vaccine reactions associated with extraneous proteins and cellular debris.



Exacting purification practices
Tightly controlled processes
State-of-the-art facilities

.....
Tighter manufacturing specifications
Highly collaborative work environment
Continuous process improvement



*The ULTRA line of vaccines includes ULTRA™ Duramune®, ULTRA™ Fel-O-Vax®, and ULTRA™ Hybrid™.

MORE OPTIONS FOR CANINE PROTECTION.



Duramune Lyme [®] Vaccines	<i>Borrelia burgdorferi</i>	Distemper	Adenovirus 2	Parvovirus 2b*	Parainfluenza	Coronavirus	<i>L. canicola</i>	<i>L. grippityphosa</i>	<i>L. icterohaemorrhagiae</i>	<i>L. pomona</i>
→ ULTRA [™] Duramune Lyme [®]	I									
Duramune Lyme [®]	I									
Duramune Lyme [®] + Max 5-CvK	I	M	M	M	M	I				
Duramune Lyme [®] + Max 5-CvK/4L	I	M	M	M	M	I	I	I	I	I
Duramune Lyme [®] + Max 5/4L	I	M	M	M	M		I	I	I	I
Duramune Lyme [®] + LeptoVax [®] 4	I						I	I	I	I

M - modified live I - inactivated/killed

Includes both monovalent and combination Lyme vaccine choices.

ULTRA [™] Duramune [®] Vaccines	<i>Borrelia burgdorferi</i>	Distemper	Adenovirus 2	Parvovirus 2b*	Coronavirus	<i>L. canicola</i>	<i>L. grippityphosa</i>	<i>L. icterohaemorrhagiae</i>	<i>L. pomona</i>
→ ULTRA [™] Duramune Lyme [®]	I								
ULTRA [™] Duramune [®] DAP		M	M	M					
ULTRA [™] Duramune [®] 4L						I	I	I	I
ULTRA [™] Duramune [®] DAP + 4L		M	M	M		I	I	I	I
ULTRA [™] Duramune [®] DAP + C		M	M	M	I				
ULTRA [™] Duramune [®] DAP + C4L		M	M	M	I	I	I	I	I

M - modified live I - inactivated/killed

Low-volume vaccines support a Fear FreeSM Experience.

*This strain of CPV-2b has been demonstrated to aid in the prevention of disease caused by CPV-2b and CPV-2c. The duration of immunity has not been established for CPV-2c.

Support.



866-638-2226



BeVaccineSmart.com



BIVIDollarsAndSense.com

References: 1. Data on file, BIVI Pet Owner Survey 2014. Boehringer Ingelheim Vetmedica, Inc. 2. Chu HJ, Chavez LG, Blumer BM, Sebring RW, Wasmoen TL, Acree WM. Immunogenicity and efficacy study of a commercial *Borrelia burgdorferi* bacterin. *J Am Vet Med Assoc.* 1992;201(3):403-411. 3. Levy SA. Use of a C6 ELISA test to evaluate the efficacy of a whole-cell bacterin for the prevention of naturally transmitted canine *Borrelia burgdorferi* infection. *Vet Ther.* 2002;3(4):420-424. 4. Data on file. Boehringer Ingelheim Vetmedica, Inc.



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