

**Only Nobivac® Lepto<sub>4</sub> offers unmatched protection against disease, urinary shedding, and mortality.**

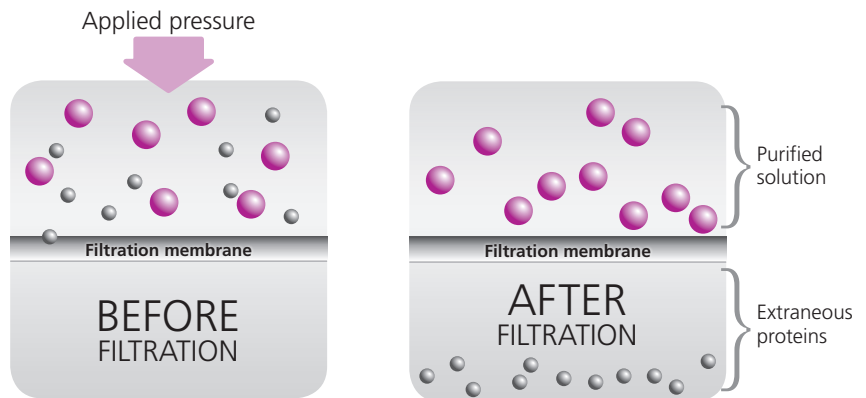


**Nobivac Lepto<sub>4</sub> is the clear choice when compared side by side with other 4-way leptospirosis vaccines.**

		Nobivac® Lepto <sub>4</sub> <sup>1</sup>	VANGUARD® L <sub>4</sub> <sup>2</sup>	RECOMBITEK® 4 Lepto <sup>3</sup>	ULTRA™ Duramune® 4L <sup>4</sup>	LEPTOVAX™ 4 <sup>5</sup>
Prevents or aids in the prevention of leptospirosis		●	●	●	●	●
Prevents leptospiuria caused by...	<i>Leptospira canicola</i>					
	<i>Leptospira grippotyphosa</i>	●		●		
	<i>Leptospira icterohaemorrhagiae</i>					
Aids in the prevention of leptospiuria caused by...	<i>Leptospira pomona</i>	●		●		
Aids in the prevention of mortality caused by virulent <i>Leptospira</i> serovars		●				

**Nobivac Lepto<sub>4</sub> compares favorably with other leptospirosis vaccines in protein levels.**

Our VacPure™ filtration reduces total proteins for a more purified final product.<sup>6</sup>

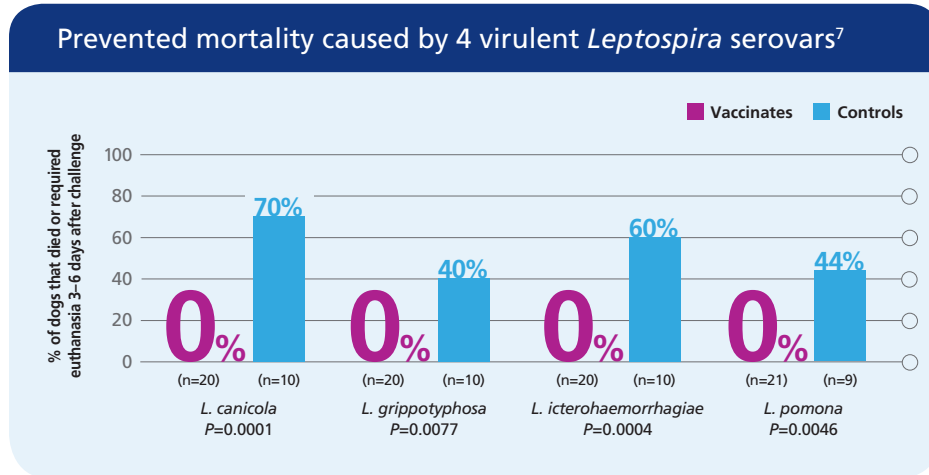


**Nobivac® Lepto<sub>4</sub>**

*Because life is precious*

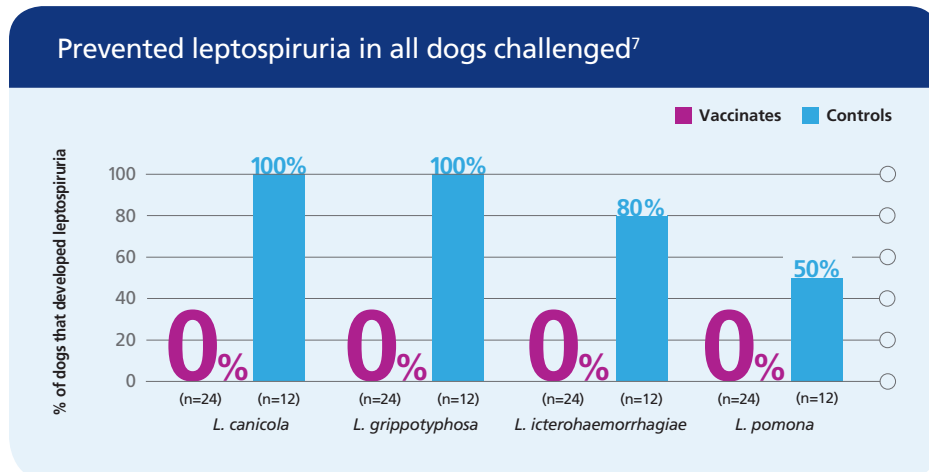
# Only Nobivac® Lepto<sub>4</sub> enables you to protect against mortality and urinary shedding.

## Protect against mortality.



- No dogs vaccinated with Nobivac Lepto<sub>4</sub> died or required euthanasia
- 54% of the dogs in the control group died or required euthanasia after challenge

## Defend against urinary shedding.



- Preventing urinary shedding of leptospires helps reduce potential zoonotic risk<sup>6</sup>
- 0% of dogs vaccinated with Nobivac Lepto<sub>4</sub> developed leptospiruria

To learn more, contact your Merck Animal Health sales representative or call 1-800-521-5767.

# Nobivac® Lepto<sub>4</sub>

Because life is precious

PROVEN  
to protect life

References: 1. Nobivac® Lepto<sub>4</sub> [product label]. Summit, NJ: Merck Animal Health; 2010. 2. VANGUARD® L4 [product label]. New York, NY: Pfizer Animal Health; 2013. 3. RECOMBITEK® 4 Lepto [product label]. Duluth, GA: Merial; 2010. 4. ULTRA™ Duramune® 4L [product label]. St. Joseph, MO: Boehringer Ingelheim Vetmedica; 2012. 5. LEPTOVAX™ 4 [product label]. St. Joseph, MO: Boehringer Ingelheim Vetmedica; 2011. 6. Greene CE, Sykes JE, Brown CA, Hartmann K. Leptospirosis. In: Greene CE, ed. *Infectious Diseases of the Dog and Cat*. 3rd ed. St. Louis, MO: Saunders/Elsevier, 2006:402-417. 7. Data on file, Merck Animal Health. All trademarks cited are the property of their respective owners.

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