

# Full-sized protection. Half-sized volume.



## Nobivac EDGE® vaccines provide a more comfortable vaccine experience.<sup>1-3</sup>

0.5-mL vaccines offer the efficacy you expect, plus added comfort for your patients and clients.

- 50% less volume than traditional 1-mL vaccines
- Ideal protection for dogs of all sizes, especially small breeds and puppies

### Nobivac EDGE® Lepto<sub>4</sub>

The first and only 0.5-mL leptospirosis vaccine specifically shown to be effective against disease, mortality,<sup>4</sup> and urinary shedding.<sup>5</sup>

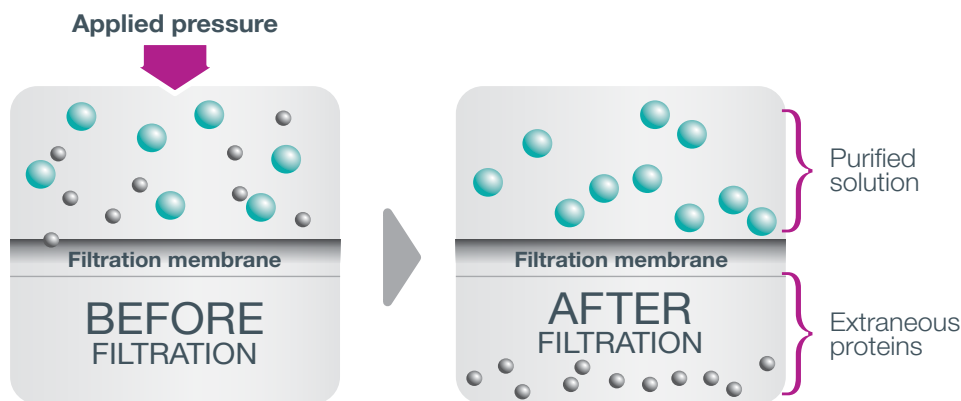
### Nobivac EDGE® DAPPv + L<sub>4</sub>

The first 0.5-mL vaccine to protect against both leptospirosis and parainfluenza<sup>6</sup>—one of the most common respiratory pathogens.<sup>7</sup>

### Nobivac EDGE® DAPPv

The first 0.5-mL combination vaccine to include parainfluenza protection.<sup>6</sup>

## 99% reaction-free vaccinations<sup>6</sup> thanks to VacciPure™ filtration technology



Fewer total proteins means a more purified final product, which may reduce unwanted immune system responses, such as vaccine reactions.

**Nobivac**   
EDGE®  
Protection unites us.



Phone - 800.233.0210

[www.pennvet.com](http://www.pennvet.com)



Designed for every dog. **Perfect for pint-sized patients.**

Explore our full line of **Nobivac EDGE® vaccines.**<sup>1-3</sup>



Nobivac EDGE® DAPPv	✓	✓	✓	✓	
Nobivac EDGE® DAPPv + L <sub>4</sub>	✓	✓	✓	✓	✓
Nobivac EDGE® Lepto <sub>4</sub>					✓



“The unique nature of Nobivac EDGE® vaccines helps me to build trust with pet parents who have been hesitant to vaccinate. The smaller volume creates more comfort for small-breed dogs. It also allows me to practice better preventive medicine and helps me reinforce the importance of one health.”

**Natalie L. Marks, DVM, CVJ**  
Medical Director, Blum Animal Hospital, Chicago, IL

VACCINATE WITH NOBIVAC EDGE® VACCINES. VACCINATE WITH PEACE OF MIND.

To learn more, contact your Merck Animal Health sales representative or your distributor representative.

**Customer Service:** 1-800-521-5767  
(Monday–Friday, 9:00AM–6:00PM EST)

**Technical Services:** 1-800-224-5318  
(Monday–Friday, 8:30AM–7:00PM EST)

**Nobivac**  
EDGE®

Protection unites us.

**References:** 1. Nobivac EDGE® Lepto4 [product label]. Madison, NJ: Merck Animal Health; 2019. 2. Nobivac EDGE® DAPPv + L4 [product label]. Madison, NJ: Merck Animal Health; 2019. 3. Nobivac EDGE® DAPPv [product label]. Madison, NJ: Merck Animal Health; 2019. 4. LaFleur RL, Dant JC, Wasmoen TL. Prevention of disease and mortality in vaccinated dogs following experimental challenge with virulent *leptospira*. *J Vet Int Med*. 2011;25:747. 5. LaFleur RL, Dant JC, Wasmoen TL, et al. Prevention of leptospiremia and leptospiruria following vaccination with a DAPPv + 4-way *Leptospira* combination vaccine. Presented at: Proceedings of the ISCAID Symposium; October 16–19, 2016; Bristol, UK. 6. Data on file. Merck Animal Health. 7. Lavan R, Knesl O. Prevalence of canine infectious respiratory pathogens in asymptomatic dogs presented at US animal shelters. *J Small Anim Pract*. 2015;56:572–576.