



# POULVAC

## Maternavac® 4

## POULVAC MATERNAVAC® 4: BUILD A STRONG IMMUNE FOUNDATION IN YOUR FLOCKS

Poulvac Maternavac® 4 extends the trusted reovirus and variant infectious bursal disease virus (IBDV) protection of Poulvac Maternavac® IBD-Reo. The inactivated Zoetis vaccine also defends breeder hens and broiler progeny against Newcastle disease (ND) and defends breeder hens against infectious bronchitis virus (IBV).

### ONE VACCINE, FOUR-WAY PROTECTION

Poulvac Maternavac 4 contains inactivated antigen inoculates, specifically:

- **IBDV:** Variant Group-6 and Lukert strains
- **Reovirus:** Tenosynovitis Strain 1733 and Malabsorption Strain 2408
- **ND:** mesogenic Kimber strain\*
- **IBV:** Massachusetts strain

\*Poulvac Maternavac 4 is the lone four-way vaccine containing the mesogenic Kimber strain.

## EFFECTIVE PROTECTION AGAINST CONTEMPORARY IBDV CHALLENGES

In a study, both Poulvac Maternavac® IBD-Reo and Poulvac Maternavac® 4 provided significant protection against both Del-E and AL2 viruses and similar IBDV seroconversion as measured by titers at 38 days post-vaccination.<sup>1</sup>

| POULVAC MATERNAVAC® LINE: EFFECTIVE PROTECTION AGAINST VARIANT IBDV CHALLENGES |                             |                |                  |  |
|--|-----------------------------|----------------|------------------|--|
| Treatment group  | Bursal to body weight ratio | AL2 protection | Del-E protection | IBD GMT titers<br>(IDEXX® IBDV XR Ab Test<br>38 days post-vaccination) |
| Poulvac Maternavac IBD-Reo   | 4.5                         | 100%           | 95%              | 19,642   |
| Poulvac Maternavac 4   | 4.3                         | 100%           | 100%             | 20,437   |
| Nonvaccinated controls   | 1.4                         | 0%             | 0%               | 75   |

## CONVENIENT ADMINISTRATION

Poulvac Maternavac 4 can be given to healthy birds:

- As a subcutaneous injection
- As an intramuscular injection

Primed hens should receive a single 0.5 mL dose at 16 to 22 weeks of age, approximately four weeks prior to lay.

## SUPERIOR SUPPORT

Zoetis continues to provide comprehensive technical service and support, helping you to optimize the use of Poulvac Maternavac IBD-Reo or Poulvac Maternavac 4 in your complexes.

Visit [zoetisUS.com](http://zoetisUS.com) or talk to your Zoetis representative for more information.

**POULVAC**  
Maternavac® 4

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<sup>1</sup>Data on file, Study Report No. 032419-KL-70A00-KC-6020, Zoetis Inc.  
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