



FREQUENTLY ASKED QUESTIONS

J-VAC® (bacterin-toxoid) vaccine

Q. What is J-VAC vaccine labeled for?

A. J-VAC vaccine consists of a 2-dose regimen that provides whole-herd protection against coliform mastitis caused by *Escherichia coli* and endotoxemia caused by *E. coli* and *Salmonella Typhimurium*. It can be administered intramuscularly or subcutaneously.

Q. When can I administer J-VAC vaccine?

A. J-VAC is a flexible vaccine approved for whole-herd administration, so it can fit into multiple vaccination protocols. It can be used on lactating cows, heifers and dry cows. The 2-dose regimen helps ensure cows are optimally protected against coliform mastitis during lactation.

PROTOCOL	J-VAC® FIRST DOSE	J-VAC® BOOSTER
Whole Herd	Any stage of lactation	2–4 weeks after first dose
Dry Cow	Dry-off	1–3 weeks before calving
Heifer	60 days before calving	1–3 weeks before calving

Q. Can I administer J-VAC with other vaccines at dry-off?

A. J-VAC is a Gram-negative vaccine and can be administered with one other Gram-negative vaccine. Talk with your veterinarian to determine the optimal vaccine schedule to protect cows during the dry and post-fresh periods.

Q. Why does the J-VAC vaccine regimen consist of 2 doses compared to other products that require 3 doses?

A. The unique Tandem™ adjuvant in J-VAC vaccine keeps antigens in suspension, releasing them over time to stimulate enhanced immunity. Research proves the 2-dose efficacy — in a trial with more than 700 cows and heifers, 2 doses of J-VAC reduced the incidence of clinical coliform mastitis cases by 81%.*

Q. Will my animals experience any adverse reactions to J-VAC vaccine?

A. Administration of any vaccine may elicit a reaction (swelling, lethargy, fever or anaphylaxis). However, based on our internal data, J-VAC is no more reactive than other killed vaccines.* If concerned, please call your vet or read label for additional info on this.

Q. How long do I need to withhold milk from recently vaccinated cows?

A. There is no milk withhold requirement following vaccination with J-VAC.

Q. How long after vaccination do I have to wait to ship the cow?

A. You must wait 21 days after the last vaccination before shipping the cow to be slaughtered for food.

Q. What bottle sizes does J-VAC vaccine come in?

A. J-VAC is available in three bottle sizes:

- 250 mL = 125 doses
- 100 mL = 50 doses
- 20 mL = 10 doses

*Data on file at Boehringer Ingelheim.