



Elanco

AVIPRO SALMONELLA DUO

THE **ONLY VACCINE** THAT DOESN'T
REQUIRE DIFFERENTIATION TESTING¹

AviPro[™]
SALMONELLA DUO

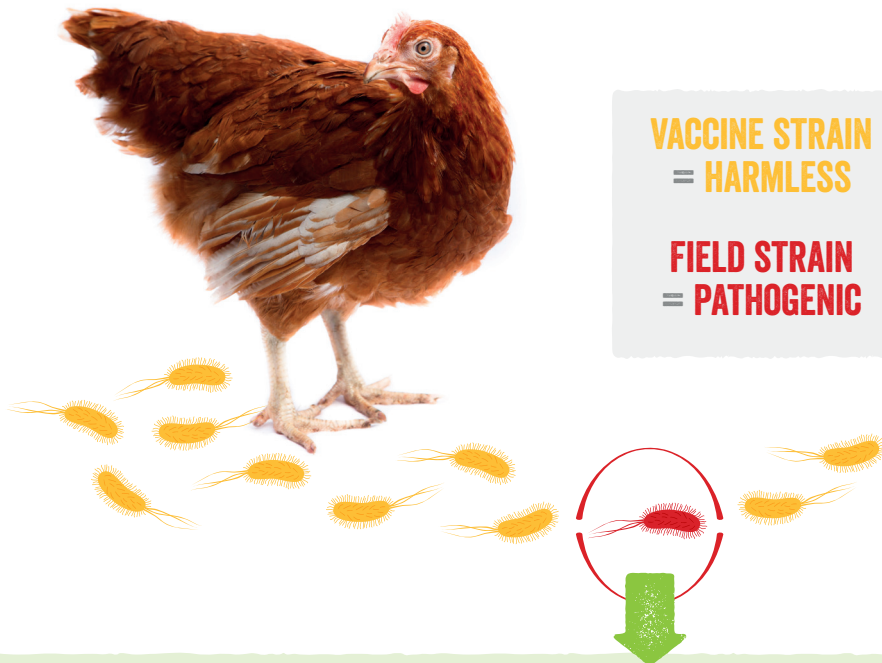
For simpler *Salmonella* monitoring

AVIPRO SALMONELLA DUO: POWERFUL *SALMONELLA* PROTECTION

RAPID DIFFERENTIATION OF *SALMONELLA* STRAINS IS VITAL

Salmonella testing of poultry flocks and their environment is an essential part of monitoring for infection risk. It is important that any presence of pathogenic field strains is quickly identified to protect human health.

In vaccinated flocks, birds may shed *Salmonella* vaccine strains. These do not present infection risk.



VACCINE STRAIN
= HARMLESS

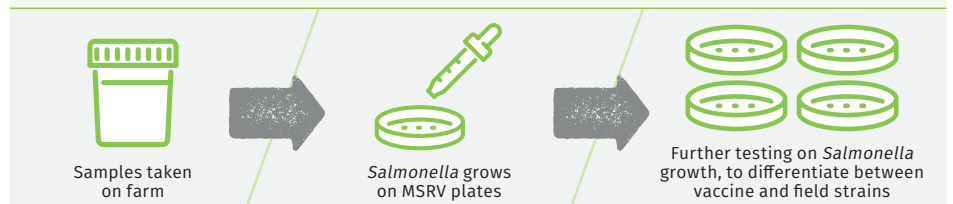
FIELD STRAIN
= PATHOGENIC

DIFFERENTIATION BETWEEN FIELD AND VACCINE *SALMONELLA* STRAINS IS VITAL TO DETERMINE ACTUAL RISK TO HUMAN HEALTH

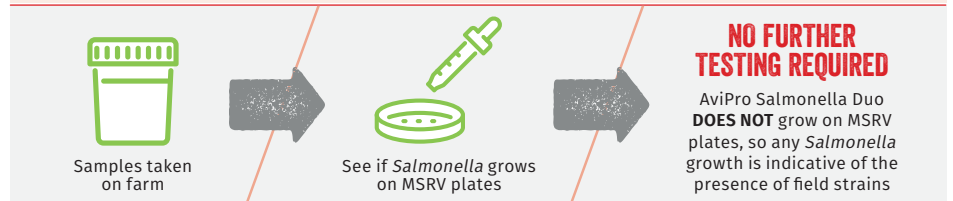
AVIPRO SALMONELLA DUO MAKES STRAIN DIFFERENTIATION SIMPLE

The typical initial *Salmonella* testing protocol involves looking for *Salmonella* growth on selective semi-solid agar plates (MSRV).

OTHER *SALMONELLA* VACCINES:



AVIPRO SALMONELLA DUO:



AVIPRO SALMONELLA DUO IS THE ONLY VACCINE THAT DOESN'T REQUIRE DIFFERENTIATION TESTING³

- ◆ Quickly identify the presence of pathogenic field strains
Be able to act early and minimise the impact of infection risk
- ◆ Avoid the hassle of complicated testing
A clear result with a single test



OTHER TESTING METHODS

PCR tests are also available for *Salmonella* identification. This testing method immediately differentiates between vaccine and field strains but is not typically used for first-line monitoring.

AVIPRO SALMONELLA DUO: POWERFUL SALMONELLA PROTECTION

- ◆ The **ONLY** vaccine that doesn't require differentiation testing during *Salmonella* monitoring¹
 - ◆ Superior direct protection² against both regulated strains of *Salmonella* in layers³
 - ◆ Early protection from day 1⁴
 - ◆ Excellent vaccine safety profile
 - ◆ Easy administration in drinking water



SIMPLER SALMONELLA MONITORING BECAUSE WHEN IT COMES TO FOOD SAFETY AND HUMAN HEALTH, TRUST MATTERS

References: 1. Desloges, N.; Schröder, I.; Schwefer, S. Development of a third generation vaccine to prevent *Salmonella* infections in commercial poultry flocks. *Development* 2010, 45, 22. 2. Koerich, P. and Doblies, D. Comparison of the efficacy of a live bivalent *Salmonella* vaccine with a monovalent vaccine against a challenge with a *Salmonella Typhimurium* field strain. IPPE International Production & Processing EXPO, Altanta (2023). 3. UK National Control Programme for *Salmonella* in Layers (*gallus gallus*): 'Laying hens and flocks: poultry testing for *salmonella*' government guidance. <https://www.gov.uk/guidance/salmonella-get-your-egg-laying-hens-tested> 4. AviPro Salmonella Duo Summary of Product Characteristics (SPC) AviPro Salmonella Duo contains: Live attenuated *Salmonella Enteritidis*

AviPro Salmonella Duo contains: Live attenuated *Salmonella Enteritidis* bacteria, strain Sm24/Rif12/Ssq, min. 1×10^8 CFU* and max. 6×10^8 CFU* Live attenuated *Salmonella Typhimurium* bacteria, strain Na12/Rif9/Rtt, min. 1×10^8 CFU* and max. 6×10^8 CFU* *CFU – colony forming units. Legal Category: POM-V. Advice should be sought from the medicine prescriber prior to use. Prescription decisions are for the person issuing the prescription alone.

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