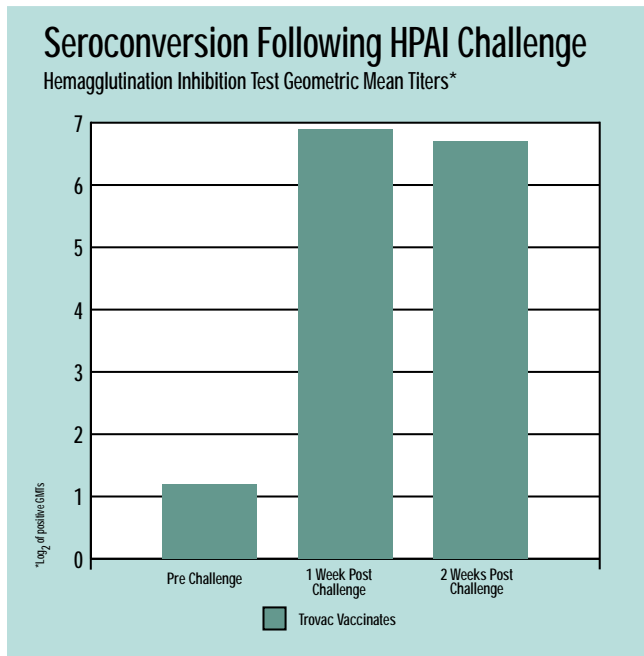


TROVAC® - AIV H5

The Unique Alternative for AI Control, Proven Safe and Effective

Seroconversion Following HPAI Challenge

Hemagglutination Inhibition Test Geometric Mean Titers



Introduction

One of the commonly used serological tests for Avian Influenza (AI) is the Hemagglutinin Inhibition test (HI). The results of this test are reported as logarithmic titers. Serological results for a given group of samples are often evaluated based on geometric mean and are reported as a Geometric Mean Titer (GMT).

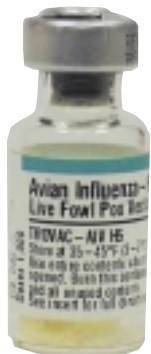
Results

The data shown here are the results of an HI test on samples from TROVAC® - AIV H5 vaccinated birds. These birds were tested prior to challenge with a highly pathogenic AI (HPAI) and at one and two weeks following challenge. The results shown are the log₂ GMTs for the HI tests. As the data clearly demonstrates, there is a significant increase (>6 logs) in the GMT following exposure to HPAI.

Conclusions

This data demonstrates one of the unique features of TROVAC® - AIV H5. If vaccinated birds are exposed to HPAI virus, they will show a significant seroconversion as a result of the immune response that is triggered. By not causing a false seroconversion that complicates the interpretation of test results, TROVAC® allows for the continued use of routine disease surveillance methods for monitoring for AI while providing proven protection against the disease.

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