

Surface and Core Optimized Relevant Antigen Expression

SCIENCE IN EVERY BOTTLE



PRECISION VACCINOLOGY

SCORE™ PROCESSING

The SCORE™ approach – our latest advance in Precision Vaccinology® – improves antigen expression.

Here's how it works:

Identification

SCORE selects and improves expression of surface and core cross-reactive antigens.

Expression

Expressing antigens of both gram-positive and gram-negative bacteria allows for broad recognition by the animal's immune system.

Recognition

Better antigen expression results in better recognition.

SCORE delivers an optimized, cost-effective, and science-based solution for your producer's livestock.

Introduction

Through SCORE processing, Cambridge Technologies provides veterinarians with an improved, strategic approach of custom autogenous vaccine solutions in cattle and swine. Unmatched molecular diagnostics and autogenous vaccine customization help animals develop the necessary defense mechanisms to fight disease-causing agents while suppressing their replication, thus promoting the overall health of a producer's herd.

Increased Coverage

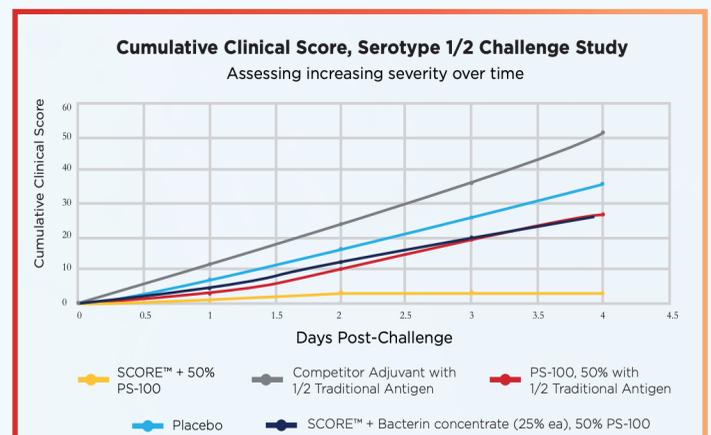
By utilizing groundbreaking immunology research, SCORE processing elicits both gram-positive and gram-negative antigen responses. This broadens the range of disease-causing agents an animal is equipped to fight against, including Streptococcus, Glaesserella, Salmonella and Actinobacillus species.

Enhanced Defense

The SCORE process interferes with the target bacteria's ability to absorb nutrients during the production process. While under stress, these bacteria express unique core proteins that are captured in the final autogenous vaccine product. Then when this vaccine is presented to the host animal, it enhances the immune recognition of future invading bacterial pathogens and provides better broad protection against variant strains.

Customization

A SCORE-enhanced autogenous vaccine leverages the power of Precision Vaccinology to include a customized adjuvant formula. In contrast to the typical commercial vaccine, a precision autogenous vaccine allows you to target particular strains threatening a producer's herd. Precision autogenous vaccines undergo the same rigorous testing and adhere to the same safety and sterility protocols as their commercial counterparts.



UNLOCK THE BENEFITS OF SCORE PROCESSING

Want to know more about SCORE and Precision Vaccinology?

Talk to your Cambridge Technologies representative or visit www.CambridgeTechnologies.com to get started today.