

PRECISION SELECT™

Customized Adjuvant Technology

SCIENCE IN EVERY BOTTLE



PRECISION
VACCINOLOGY™

Cutting-edge technology and advanced science for on-farm solutions to disease challenges through diagnostic approach, advanced manufacturing, and selective adjuvant selection.

Adjuvants

Adjuvants are part of an effective immunization strategy

Supply & Quality

Cambridge adjuvants are produced internally and not dependent on 3rd party suppliers - no supply issues

Experience

Over 400 years of combined experience and over 100 million doses delivered through veterinarians to producers.

The goal of any autogenous vaccination program is an effective immune response in a client's herd. Immunization is impacted by antigen selection, complimentary adjuvant selection, animal's health and nutritional status.

Adjuvant selection plays a major role in aiding an animal's defense system in the recognition of antigens from an autogenous vaccine to start an immunological response.



-  With over 400+ combined years of precision autogenous vaccine manufacturing experience, the scientists at Cambridge Technologies have developed a stable of precision adjuvants to optimize the immune response. This experience in combination with their world class diagnostic approach provides you an exceptional strategy to limit the economic impact of viral and bacterial agents in your client's herds.
-  The stable of adjuvants created by the scientists at Cambridge Technologies consistently exceeds the expectations with over 100 million autogenous vaccine doses protecting animals nationwide in a broad range of production settings. This adds confidence in our approach to aiding you in protecting your client's animals.
-  Once diagnostic samples are received from your clinic our scientists perform rigorous tests to match the best adjuvant to your specific situation. Once completed we provide you a precise autogenous vaccine with a matching adjuvant for a reasonable price.

Precision Select™ 25

- Superior endotoxin binding
- Exceptional safety profile in 50 million autogenous vaccine doses
- Designed specifically for bacterial vaccine presentations

Precision Select™ 100

- Designed for a strong response associated with encapsulated bacteria
- Excellent in mycoplasma vaccine presentations along with viruses
- Exceptionally small particle size to minimize adverse reactions

Precision Select™ 50

- Exceptional safety profile
- Excellent in both bacterial and viral vaccine presentations
- Broad commercial approval in international markets and used in several million autogenous vaccine doses world-wide

Precision Select™ 150

- Designed specifically for viral vaccine presentations
- Elicits both humoral and cell mediated immunity



Study Review Chart (PS100)

Study Objective:

to understand differences relating to clinical disease scores comparing different adjuvants

Key Factors

- Completed in pigs 3 weeks of age
- Vaccinated at days 0 and 14
- 9 pigs per group
- Challenged on day 28
- Scored 4 days post-challenge

Results

Results CT vs competitor comparison Study: PS-100



Conclusions

- Selection of adjuvant to the antigen significantly influences the immune response either positively or negatively.
- PS100 enhances the immunity to Streptococcus antigens.
- SCORE processed Streptococcus antigen combined with PS 100 significantly improved protective immunity.

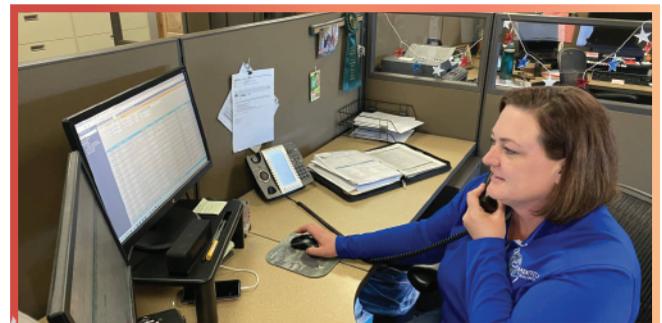
Conclusion

Based on the years of vaccine development and millions of Cambridge Technologies doses applied in the livestock market, Cambridge scientists have mastered the balance of antigen expression and adjuvant combination to maximize your ability to protect your client's animals.

With this long history, Cambridge Technologies is your go to solution provider, continuing to push scientific advancement in autogenous vaccine design, development, and delivery.

Talk to One of Our Technical Service Veterinarians Today!

For support on how we can aid you in protecting your producer's herds with the most advanced science and experience in the Livestock Production Market, **CALL US** to schedule a time to talk to our veterinarians on staff.



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