

The Precision Select family of adjuvants from Cambridge Technologies has been designed to compliment different vaccine formulations in various production stages and settings. Our experience and world-class diagnostic approach provide an exceptional strategy to limit the economic impact of viral and bacterial agents.

There is a Precision Select adjuvant for every formulation and situation:

- Multiple administration routes:  
Subcutaneous, Intramuscular, Intraperitoneal
- Work in a variety of presentations:  
Bacterial, Viral, Mycoplasma, Vector-Based

Our adjuvants are easy to mix and use and are known for their excellent syringe-ability.

All Precision Select adjuvants are manufactured here in our USDA-licensed facility, and each lot undergoes extensive internal and external quality testing. Decades of proven safety and stability have led to Precision Select adjuvants being used worldwide in both autogenous and commercial products.

## GET IN TOUCH WITH ONE OF OUR TECHNICAL SERVICE VETERINARIANS TODAY!

For support during the process of providing innovative solutions to your clients, call us today and schedule a time to talk with one of our Technical Service Veterinarians.



## CONTACT US

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Adjuvants created by the scientists at Cambridge Technologies consistently exceed expectations with over 100 million autogenous vaccine doses protecting animals nationwide. No matter what the situation or challenge might be, there is a Precision Select adjuvant designed to optimize immune response:

### PS 25 – Aluminum base:

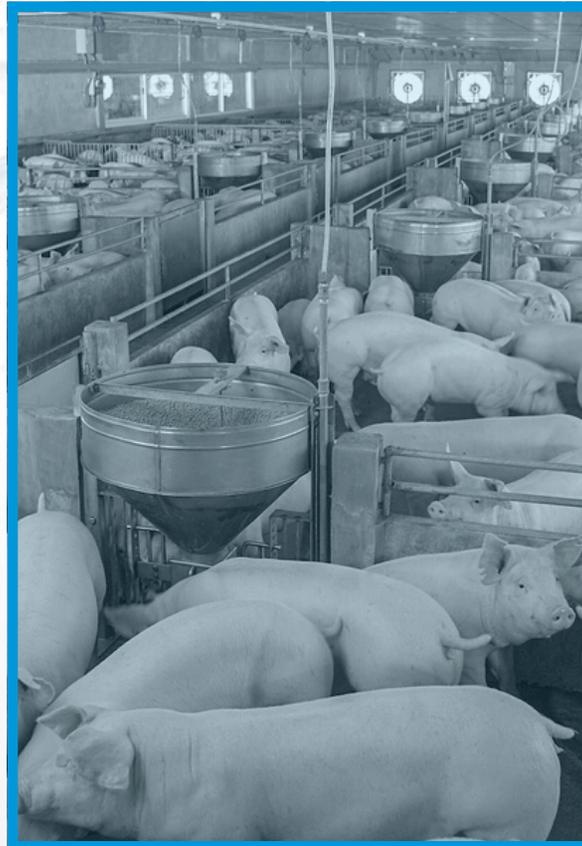
- Designed specifically for bacterial vaccine presentations
- Recommended for use in multiparous sows
- Superior endotoxin binding
- 21-day withdrawal period

### PS 50 – Oil in Water (mineral oil):

- Excellent in both bacterial and viral vaccine presentations: *E. coli*, Clostridium, *S. suis*, Flu A, PRRS (TH2 response)
- Recommended for P2 or greater sows
- Use at 10-70% with 1mL – 5mL; 10-70% with 1-2mL
- 70% of emulsion less than 0.89 microns in size
- 21-day withdrawal period

### PS 75 – Quill base (Saponin):

- Designed for virals and Mycoplasmas
- TH1 response, gamma-delta T-cells
- 21-day withdrawal period



### PS 100 – Oil in Water (long chain mineral oil, essential fatty acids):

- Excellent in both bacterial and viral vaccine presentations: *S. suis*, *A. suis*, *G. parasuis*, Mycoplasma, Virals
- Recommended for nursery pigs
- Additional surfactants and emulsifying agents beyond PS50
- Designed with strong response associated with encapsulated bacteria
- Use at 10-70% with 1mL – 5mL; 10-70% with 1-2mL
- 70% of emulsion less than 0.2 microns in size
- 21-day withdrawal period

### PS 175:

- Excellent in viral vaccine presentations: PRRS, SIV
- Recommended for sows and pig flows
- Combination of PS50 + PS75
- Stellar TH1 and TH2 responses
- 21-day withdrawal period