

# R&D Snapshot

## Testing the Antibody Response of Pigs to Foot-and-Mouth Disease (FMD) Vaccines

**Investigators:** Wilna Vosloo, CSIRO Livestock Industries, Australian Animal Health Laboratory (AAHL)

### Purpose:

- To test and evaluate the Antibody Response of Pigs to the FMD vaccines to ensure pork industry preparedness.

### Take home messages:

- This study was conducted at the Large Animal Health Facility at AAHL in Geelong, Victoria, using imported vaccines from the Australian vaccine bank in Merial, United Kingdom
- There was a significant difference in the serological responses between the various FMD vaccine strains
- An enhanced immune response was observed in the majority of pigs after the vaccine boost received at day 21
- The antigens kept in the Australian vaccine bank can be formulated into successful vaccines that elicit immune responses in Australian pigs.

### Additional information:

- Click here to view the full report
- Contact Pat Mitchell at [pat.mitchell@australianpork.com.au](mailto:pat.mitchell@australianpork.com.au), or phone 03 5488 2306 or 0402 794 912.

