



Detecting Actinobacillus pleuropneumoniae with AeroCollect® - non-invasive, quickly and accurate

- **Easy testing of a whole herd** - with AeroCollect® there is no need to rely on a few samples from individuals. The herd as a whole is tested with a single air sample.
- **Non-invasive testing** - no need to perform blood samples and stress the pigs. With an air sample the pigs remain completely unaffected by the sampling.
- **Quick test results** - the air sample from AeroCollect® can be processed within as little as 1-2 hours in a lab.
- **Improved timing and efficiency of treatment** - with improved monitoring and detection it is possible to optimize the timing of vaccines and to optimize treatment on the infected pigs.

Cohen's
kappa value
= 0.94

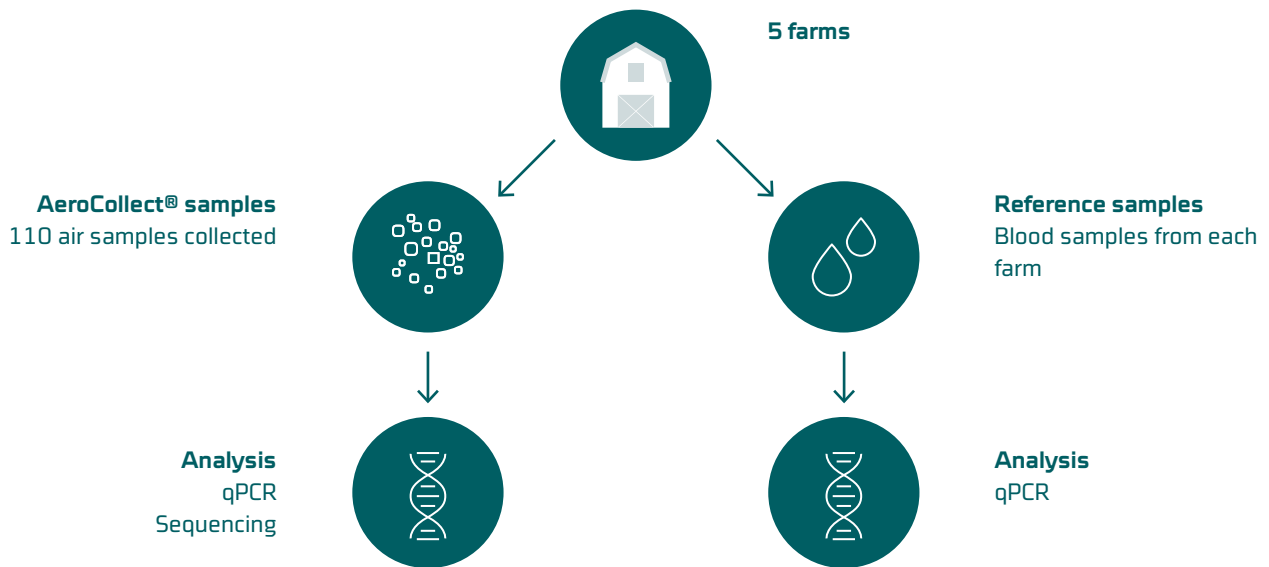
Detection of APP with AeroCollect® compared to traditional testing

FORCE Technology has conducted a validation study in accordance with the guidelines for validating microbiological alternative methods against reference methods as described in the harmonized Standard by NordVal. This ensures that the validation study follows the guidelines described in EN ISO 16140-02:2016.

A total of 110 samples were collected with AeroCollect® from 5 farms. 94 percent of those had an identical result compared to blood samples collected according to the current standard in the study. The rate of agreement between the two test methods constitutes a “near perfect agreement” according to the ISO-standard.

Total number of samples		110
Positive agreement:	PA	73
Negative Agreement	NA	34
False Positive	FP	0
False Negative	FN	3

Accredited by



The process from sample collection to result



When should testing with AeroCollect® take place?

As testing with AeroCollect® is simple, non-invasive and not stressful for the pigs it can be done quite often and easy.

Frequent testing and quick results allow for increased monitoring of APP in herds which is the best foundation for timely detection of outbreaks, and it increases the chances

of successfully dealing with an outbreak with minimal consequence to the production and welfare of the herd.

The optimal timing and frequency of testing can be decided based on whether breeding stock, nursery pigs or finisher pigs are being tested and the history of APP in the herd.

**Would you like to learn more about what
AeroCollect® can do for you and your company?**

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