SciTell™ DBS Analytics Swine

Sampling Guidelines



Scan the QR code or open http://dbs.productsupport.dsm-firmenich.com/ to access the application and watch the sampling video for more details

Please read the sampling guidelines carefully before taking samples.

Kit contents:

- 20 dried blood spot (DBS) cards for sample collection
- 22 lancet needles
- Safety bag with desiccation pouch for dried DBS cards post-sampling
- Pre-paid and addressed return envelope
- Sampling guide
- Data collection sheet

STEP 1: Preparation

- Before taking any samples, prepare the cards by labeling them with the animal identification number and date
- Use the data collection sheet to capture relevant information that will be later used for the registration of the samples via the online application
- Two people are recommended to collect the samples. One person to restrain the pig and one person to take the sample

STEP 2: Taking the sample

- Restrain the animal securely
- Clean the ear of the pig with a dry towel or cloth
- Place a finger under the ear to make the marginal blood vessel more visible & accessible



- Puncture the blood vessel by holding the lancet needle at a 90° angle to the blood vessel. A new lancet needle should be used for each animal



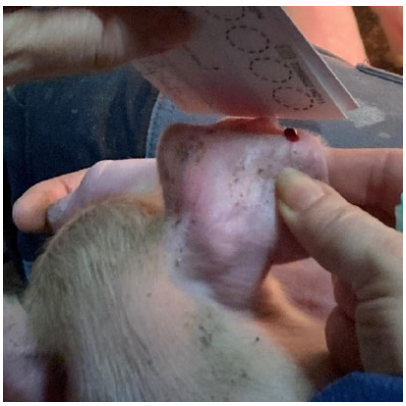
- Allow a droplet of blood to form



SciTell™ DBS Analytics

Sampling Guidelines

- Carefully and without too much pressure hold the pre-printed circle of the DBS card onto the blood drop to collect the sample (more details on the DBS quality acceptance criteria on step 3)



- Make sure the bleeding has stopped by applying some pressure to the skin puncture if needed
- Place the open DBS card on a dry surface, not in direct sunlight and allow the drop of blood to dry completely for at least 3 hours before closing the flap of the card to avoid that mold builds up
- After drying, the DBS samples should be protected against humidity and moisture

STEP 3: Check the quality of the sample

DBS samples are only suitable for analysis if they meet the following criteria;

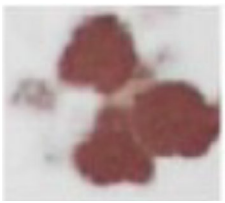
- **Acceptable sample:** The circle is filled as much as possible with a single drop of blood



- **Unacceptable sample:** The circle is not adequately filled with enough blood to conduct the analysis successfully



- Check that the blood spot is visible from the under side of the card to ensure that it had enough time to absorb onto the card



STEP 4: Registering the samples via SciTell™ DBS Analytics online

- Open **http://dbs.productsupport.dsm-firmenich.com/** via your phone or computer
- Login using your personalized login details provided to you via email
- Enter the relevant information for each sample that you have captured in the data collection sheet
- Once the registration of all 20 DBS cards is complete, place the DBS cards into the safety bag containing the desiccation pouch provided and seal
- Place the sealed safety bag into the pre-paid & labeled return envelope and post the samples to the lab for analysis
- The return shipping envelope is valid for 8 weeks. Please check the label for the expiration date

STEP 5: Results

- Results & recommendations will be available to view via your personalized account on **http://dbs.productsupport.dsm-firmenich.com/** in 5 – 7 working days from receipt of samples by the lab
- You will receive an email notification when your results are available to view

If you have questions or problems, please contact
ANH.Services@dsm-firmenich.com

http://dbs.productsupport.dsm-firmenich.com/

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