



# SAMPLE SUBMISSION GUIDELINES

## ANICARD

The **ANICARD** is intended for the submission of samples for veterinary diagnostics. As with other cards employing a similar technology, ANICARD will chemically inactivate bacterial and viral pathogens while the native sample is applied. Nucleic acids are preserved for purification and analysis, such as qPCR and sequencing, even at ambient temperature.

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ANICARD

The ANICARD is our recommended option among the several different cards available on the market such as FTA®-Cards. ANICARD was specifically designed for veterinary molecular diagnostics. But of course, this guide is also valid for other card types as well, such as original Whatman™ FTA®-Cards.

Store unused cards in a dry, cool place and protected from light. Always wear gloves when handling ANICARDS to avoid contamination. Label the card and use the sample description area to identify each used spot.

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Press Sample onto ANICARD

Correct application of the sample onto the ANICARD is crucial for a successful diagnostic process. The sample to be applied to the ANICARD should not be completely dry because the paper material is intended to soak up wet samples. ANICARDS can be used for homogenized tissue samples, swabs such as tracheal swabs or any type of liquid sample (up to 125 µl) including whole blood.

For application of swabs on the ANICARD, directly press (do not rub or smear) them on a sample spot. Make sure sufficient amount of sample material has been transferred to the ANICARD, repeat if necessary. Ideally, the entire spot is evenly covered. Do not pool multiple samples on one spot. If pooling is desired, please inform the lab. Pooling of up to 5 individual spots will then be performed within the lab. Allow the samples to air-dry at room temperature. **DO NOT** heat the card.

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Put air-dried ANICARD into bag and seal

ANICON Kit clients who would like to send purified DNA for further analysis, e.g. in Kylt® DNA-Extraction-Mix, should use Protein Saver Cards, 903® from Whatman™ (cat. No. 10531018). Apply 50–80 µl of DNA extract to the spot and let it dry at room temperature. **DO NOT** heat the card. Note that protein saver cards can not be used to send blood or swab samples and is not appropriate for RNA preparations.

For protection of your samples from environmental influences during transport, place your ANICARD into the original bag and seal it. Make sure to always send cards accompanied by an appropriately completed Sample Submission Form, available at [www.anicon.eu](http://www.anicon.eu) or from your personal contact at ANICON.

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Shipping envelope with cards and completed form

The shipping address is:  
**SAN Group Biotech Germany GmbH**  
**Muehlenstrasse 13**  
**49685 Hoeltinghausen, Germany**