



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.

1



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.

2



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.

To apply swabs to the AniCard, directly press (do not rub or smear) it on a sample spot. Make sure sufficient amount of sample material has been transferred to the AniCard, repeat if necessary. Ideally the complete spot is evenly covered with a single sample. Allow the samples to air-dry at room temperature. DO NOT heat the card.

3



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.

4



Shipping envelope with cards and completed form

To protect 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 appropriately completed Sample Submission Form, available at www.anicon.eu/card or from your personal contact at AniCon.

The shipping address is:
AniCon Labor GmbH
Muehlenstrasse 13
49685 Hoeltinghausen
Germany