

SAMPLE SUBMISSION GUIDELINES

FTA Cards

Fast **T**echnology for **A**nalysis of **N**ucleic **A**cids: these cards are made for immediate inactivation of bacterial and viral pathogens during loading with your native sampling material. The loaded bacterial and viral nucleic acids are preserved efficiently for downstream processes, such as PCR and Sequencing, even at ambient temperature.

1



FTA® Cards

Several kinds of FTA cards for different purposes are available on the market. We recommend using FTA classic cards or indicating FTA classic cards from Whatman (www.whatman.com) or Qiagen (www.qiagen.com). Store unused cards in a dry, cool place (avoid light and excessive humidity). Always wear gloves when handling FTA cards to avoid contamination of the cards. Label each spot with the according lab number or description. Correct application of the sample onto the FTA card is critical for successfully processing your sample for further analysis. For colorless samples it is recommended to use indicating FTA cards to assure correct application of the sample. In case of a correct application the color of the FTA card will turn from pink to white. The sample to be applied to the FTA card should not be completely dry since binding to the FTA card is only successful, when the moist sample material can be soaked in by the card. FTA cards can be used for blood (one spot can capture up to 500 µl whole blood), tissue samples or swabs, such as tracheal swabs.

2



Press Sample onto FTA® Card

To apply swabs to an FTA card, directly press (do not rub or smear) it to the FTA card. Make sure sufficient amount of sample material has been transferred to the FTA card, repeat if necessary. Allow the samples to dry at room temperature. **DO NOT** heat the card.

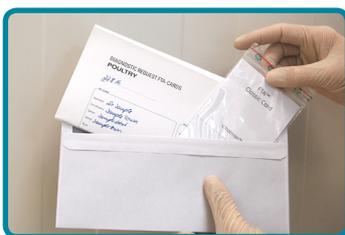
3



Put FTA® Card in a protection clip bag

AniCon Kit clients who would like to send purified DNA, e.g. in DNA-Extraction-mix (provided with Kylt® Real-Time PCR kits), for further analysis should use protein saver 903 cards 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

For a safe and gentle transport place the dried FTA card or protein saver card loaded with the sample in an appropriate closeable clip/ plastic bag and place both in a shipping envelope. If available, it is beneficial to add a small package of desiccant. Always send cards accompanied by appropriately completed Sample Submission Form, available at www.anicon.eu (downloads) or from your personal support contact at AniCon. Shipping address is:

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