

Find The Agent FTA cards for convenient sample shipment



GD IS AHEAD IN ANIMAL HEALTH
WITH EASY AND RELIABLE SAMPLE SHIPMENT FOR MOLECULAR DIAGNOSTICS



Sending

Please send FTA cards to:
GD Animal Health
Attn. Lab Logistics
Rigistraat 25
7418 EW Deventer
The Netherlands

Ordering and questions

If you would like to order FTA cards or if you have any further questions, please do not hesitate to contact us via +31 (0)570 63 33 91 or via e-mail support@gdanimalhealth.com.

An FTA card is a chemically treated filter paper designed for the collection, preservation and shipment of biological samples for subsequent DNA and RNA analysis. Special chemicals lyse and inactivate bacteria and viruses and preserve their DNA and RNA for detection by PCR.

Advantages FTA cards

Submitting samples on FTA cards is easy and fast and samples can be submitted to our laboratory from any country. The main benefits of using FTA cards are:

- No risk for spreading infectious agents due to the chemicals included
- No import permit is needed
- Transportation at room temperature
- Submitting samples via regular post
- Low transportation costs

Sampling and pretreatment

Collection, shipment and storage of biological samples when using FTA cards is very convenient. FTA chemistry has been optimized to lyse cells and denature proteins upon application of the biological sample onto the card to protect nucleic acids from nucleases, oxidation and UV damage. After drying, the released nucleic acids remain immobilized in the fibres of the matrix and are preserved for transport and later processing. The FTA cards can be used for all materials except semen and milk. Samples on FTA cards can only be tested with molecular diagnostic methods like PCR and sequencing. FTA cards cannot be used to culture bacteria or viruses.

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Applying samples

1. Always wear gloves when handling the FTA cards to avoid contamination. Please label each FTA card with a card identification.
2. To obtain sufficient material for testing, put a few drops of blood onto the FTA card or press the inside of cut slice of the tissue or the swab firmly onto the FTA card. Where material is present on the FTA card, the color indicator in the card will turn from pink to white.
3. Allow the samples to dry at room temperature and normal humidity. Store unused cards in a dry and cool place.
4. Before submitting the FTA card(s), please make sure you put the dried samples through a microwave treatment. FTA cards should be heated for twenty seconds at 900 watt.

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Watch the instruction video 'How to apply a sample onto an FTA card' on www.gdanimalhealth.com/fta.

Order

You can order your FTA cards at GD Animal Health.

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Submitting FTA cards

FTA cards can be submitted by regular mail. The only document you should include is a GD submission form on which you can clarify the identification of the samples, mark the required analysis and choose if you want the spots on an FTA card tested individually or tested as pool. You can find all submission forms on www.gdanimalhealth.com/forms. Please make sure to sign the submission form.

The following tests are available for samples on FTA cards:

| Code | (RT-) PCR test description* | Lead time in days | Sequencing / Genotyping on request** |
|------------------|--|-------------------|--------------------------------------|
| Poultry | | | |
| Bacteria | | | |
| 11589 | Chlamydia PCR (FTA card) pooled 1-4 | 7 | |
| 11585 | Coryza (Avibacterium paragallinarum) PCR (FTA card) pooled 1-4 | 3 | x |
| 11485 | Mycoplasma gallisepticum PCR (FTA card) pooled 1-4 | 3 | x |
| 11591 | Mycoplasma meleagridis PCR (FTA card) pooled 1-4 | 3 | x |
| 11535 | Mycoplasma synoviae MS-1 PCR (FTA card) pooled 1-4 | 3 | x |
| 11483 | Mycoplasma synoviae MS-H PCR (FTA card) pooled 1-4 | 3 | x |
| 11484 | Mycoplasma synoviae PCR (FTA card) pooled 1-4 | 3 | x |
| 11588 | Panel for Brachyspira PCR (FTA card) pooled 1-4 (B. intermedia, B. pilosicoli, B. hyodysenteriae) | 7 | |
| Viruses | | | |
| 11470 | Aviadenovirus I/III EDS PCR (FTA card) pooled 1-4 | 3 | |
| 11796 | Aviadenovirus type I genotyping (FTA card) | 6 | |
| 11466 | Aviadenovirus I/Siadenovirus PCR (FTA card) pooled 1-4 | 3 | |
| 11795 | Aviadenovirus type I genotyping (FTA card) | 6 | |
| 11514 | Avian influenza PCR (FTA card) pooled 1-4 | 3 | x |
| 11810 | Avian leukosis subgroups A,B,C,D,J PCR (FTA card) pooled 1-4 | 3 | |
| 11515 | Gumboro PCR (FTA card) pooled 1-4 | 3 | |
| 10630 | Gumboro genotyping | 4 | |
| 11601 | IB PCR Massachusetts, 793B (FTA card) pooled 1-4 | 3 | |
| 11513 | Infectious bronchitis virus PCR (FTA card) pooled 1-4 | 3 | |
| 10606 | Infectious bronchitis genotyping | 4 | |
| 11592 | Infectious laryngotracheitis PCR (FTA card) pooled 1-4 | 3 | x |
| 11814 | Intestinal pathogens PCR (FTA card) pooled 1-4 (rotavirus A, rotavirus D, chicken astrovirus, avian nephritis virus 3, reovirus) | 3 | |
| 11661 | Marek's disease virus HVT PCR (FTA card) pooled 1-4 | 3 | |
| 11718 | Marek's disease virus Rispens DIVA PCR (FTA card) pooled 1-4 | 3 | x |
| 11719 | Marek's disease virus SB1 DIVA PCR (FTA card) pooled 1-4 | 3 | x |
| 11645 | Panel respiratory PCR for poultry (FTA card) pooled 1-4 (Mycoplasma gallisepticum, Mycoplasma synoviae MSH, Turkey rhinotracheitis (TRT), Infectious laryngotracheitis (ILT), Infectious bronchitis virus, Avibacterium paragallinarum (Coryza)) | 3 | x |
| 11815 | Reovirus PCR (FTA card) pooled 1-4 | 3 | x |
| 11593 | Turkey rhinotracheitis (TRT) PCR (FTA card) pooled 1-4 | 3 | |
| Parasites | | | |
| 11590 | Histomonas meleagridis PCR (FTA card) pooled 1-4 | 7 | x |
| Cattle | | | |
| Bacteria | | | |
| 11825 | MRSA agens PCR (FTA card) pooled 1-4 | 6 | |
| Viruses | | | |
| 11844 | BVD virus PCR (FTA-card) pooled 1-4 | 6 | |
| 11843 | BVD genotyping PCR (FTA-card) pooled 1-4 | 6 | |
| 11842 | BVD genotyping PCR (FTA-card) pooled 1-4 | 6 | |
| 11841 | IBR virus PCR (FTA-card) pooled 1-4 | 2 | |
| 11840 | Respiratory infectious virus PCR (FTA-card) pooled 1-4 (bovine parainfluenza virus type 3 (PI3), bovine respiratory syncytial virus (BRSV), bovine coronavirus) | 3 | |

| Code | (RT-) PCR test description* | Lead time in days | Sequencing / Genotyping on request** |
|-----------------|--|-------------------|--------------------------------------|
| Swine | | | |
| Bacteria | | | |
| 11824 | AR agens PCR (FTA card) pooled 1-4 | 6 | |
| 11854 | B. hyodysenteriae PCR (FTA card) pooled 1-4 | 6 | |
| 11857 | B. pilosicoli PCR (FTA card) pooled 1-4 | 6 | |
| 11589 | Chlamydia PCR (FTA card) pooled 1-4 | 7 | |
| 11849 | Clostridium perfringens typing PCR (FTA card) pooled 1-4 (CPA, CPB, CPB2) | 7 | |
| 11846 | E.coli typing (FTA card) pooled 1-4 (F4 (K88), F5 (K99), F6 (987P), F41, F18, Stx2e) | 10 | |
| 11853 | Haemophilus parasuis PCR (FTA card) pooled 1-4 | 6 | x |
| 11817 | Lawsonia intracellularis (PIA) PCR (FTA card) pooled 1-4 | 7 | |
| 11825 | MRSA agens PCR (FTA card) pooled 1-4 | 6 | |
| 11852 | Mycoplasma hyopneumoniae PCR (FTA card) pooled 1-4 | 7 | |
| 11856 | Panel of Diarrhea PCR incl, Rota A suckling piglet (FTA card) pooled 1-4 (Rota A, Ecoli F4, F5, F6, F41 en Clostridium perfringens toxin-gen CPA, CPB, CPB2) | 3 | x |
| 11848 | Panel of Diarrhea PCR suckling piglet (FTA card) pooled 1-4 (Ecoli F4, F5, F6, F41 and Clostridium perfringens toxin-gen CPA, CPB, CPB2) | 3 | x |
| 11847 | Panel of Diarrhea PCR weaned piglet (FTA card) pooled 1-4 (Ecoli F4, F18, Stx2e) | 3 | x |
| 11850 | Panel of Diarrhea PCR With PED finishers (FTA card) pooled 1-4 (Salmonella spp, Lawsonia intracellularis, B, hyodysenteriae, B, pilosicoli, PED virus) | 3 | x |
| 11858 | Panel of Diarrhea PCR Without PED finishers (FTA card) pooled 1-4 (Salmonella spp, Lawsonia intracellularis, B, hyodysenteriae, B, pilosicoli) | 3 | x |
| 11826 | Streptococcus suis typing 1,2,7,9 PCR (FTA card) pooled 1-4 | 7 | |
| Viruses | | | |
| 11845 | Influenza A virus PCR (FTA card) pooled 1-4 | 6 | x |
| 11747 | PED Virus agens PCR (FTA card) pooled 1-4 | 3 | x |
| 11737 | Porcine Circovirus type 2 PCR (FTA card) pooled 1-4 | 3 | |
| 11851 | Porcine Circovirus type 3 PCR (FTA card) pooled 1-4 | 7 | |
| 11855 | Porcine Delta Corona Virus PCR (FTA card) pooled 1-4 | 3 | |
| 11746 | PRRSv agens PCR (FTA card) pooled 1-4 | 3 | x |
| 11748 | Rotavirus A PCR (FTA card) pooled 1-4 | 3 | |

* We can test all materials on FTA cards except semen and milk. If you have any doubts please contact us before submitting your sample(s).

** Please contact us for the possibilities for sequencing / genotyping.



More information:

www.gdanimalhealth.com/fta