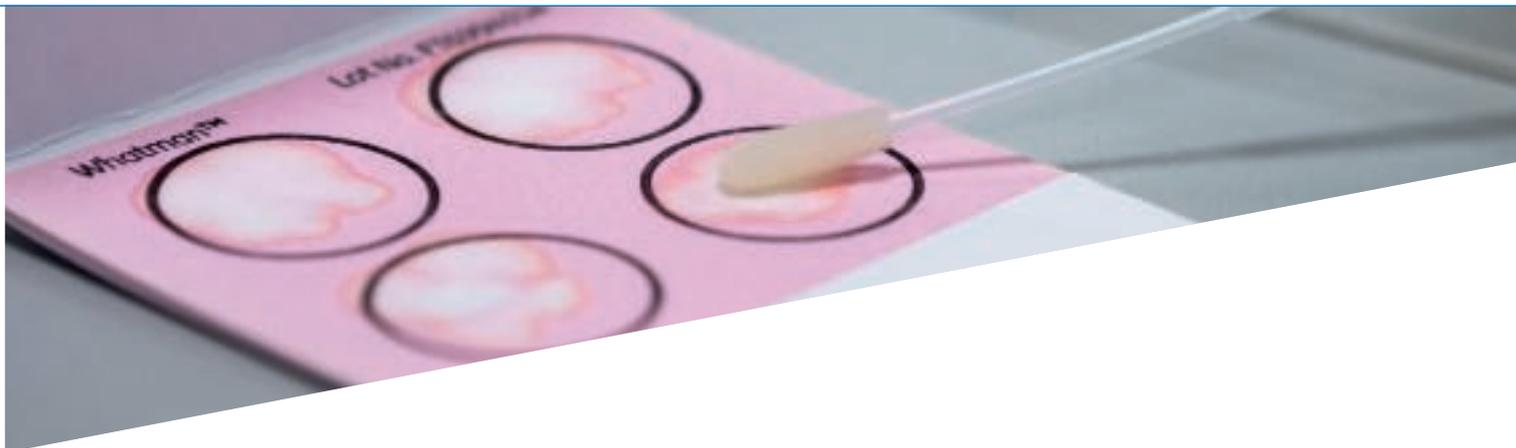


Find The Agent FTA cards for convenient sample shipment



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



Please send FTA cards to:

Royal GD
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)88 20 25 575 or via e-mail labservices@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

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.

1



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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Submitting FTA cards

FTA cards can be submitted by regular mail with a GD submission form. On this form 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. Please make sure to sign the submission form. You can order your FTA cards at GD.

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More information

Visit www.gdanimalhealth.com/fta for more information, submission forms and the instruction video. Interested in our rates? Our website gives a clear overview, available for downloading and printing: www.gdanimalhealth.com/rates. Scan the QR code for our rates.



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	3	
11585	Coryza (Avibacterium paragallinarum) PCR (FTA card) pooled 1-4	3	
12015/ 12016	Coryza (Avibacterium paragallinarum) genotyping (FTA card)	4	
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 (<i>B. intermedia</i> , <i>B. pilosicoli</i> , <i>B. hyodysenteriae</i>)	7	
Viruses			
11949	ALV (several types) en REV PCR (FTA card) pooled 1-4	3	
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	
11474	Aviadenovirus type I genotyping (FTA card)	6	
11514	Avian influenza PCR (FTA card) pooled 1-4	3	x
11906	Chicken anemia virus (CAV) PCR (FTA card) pool 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	
12038/ 12040	Influenza H5, H6, H7, H9 typing PCR (FTA card)	3	
10606	Infectious bronchitis genotyping	4	
11814	Intestinal pathogens PCR (FTA card) pooled 1-4 (<i>rotavirus A</i> , <i>rotavirus D</i> , <i>chicken astrovirus</i> , <i>avian nephritis virus 3</i> , <i>reovirus</i>)	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
11943	Newcastle disease virus PCR (FTA card) pool 1-4	3	
11944	Newcastle disease virus genotyping (FTA card)	6	x
11645	Panel respiratory PCR for poultry (FTA card) pooled 1-4 (<i>Mycoplasma gallisepticum</i> , <i>Mycoplasma synoviae</i> MSH, <i>Turkey rhinotracheitis</i> (TRT), <i>Infectious laryngotracheitis</i> (ILT), <i>Infectious bronchitis virus</i> , <i>Avibacterium paragallinarum</i> (<i>Coryza</i>))	3	x
11815	Reovirus PCR (FTA card) pooled 1-4	3	x
11995/ 11997	Reovirus genotyping (FTA card)	4	
11593	Turkey rhinotracheitis (TRT) PCR (FTA card) pooled 1-4	3	
11936	VIR-check (FTA card) pooled 1-4	5	
Parasites			
11590	Histomonas meleagridis PCR (FTA card) pooled 1-4	3	x

Code	(RT-) PCR test description*	Lead time in days	Sequencing / Genotyping on request**
Cattle			
Bacteria			
11929	MRSA agens PCR (FTA card) pooled 1-4	3	
Viruses			
11844	BVD virus PCR (FTA-card) pooled 1-4	3	
11843	BVD genotyping PCR (FTA-card) pooled 1-4	3	
11842	BVD genotyping PCR (FTA-card) pooled 1-4	3	
11841	IBR virus PCR (FTA-card) pooled 1-4	2	
11840	Respiratory infectious virus PCR (FTA-card) pooled 1-4 (PI3, BRSV, Bovine Corona Virus)	3	
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	3	
11849	Clostridium perfringens typing PCR (FTA card) pooled 1-4 (CPA, CPB, CPB2)	3	
11846	E.coli typing (FTA card) pooled 1-4 (F4 (K88), F5 (K99), F6 (987P), F41, F18, Stx2e)	3	
11932	Haemophilus parasuis PCR (FTA card) pooled 1-4	3	x
11817	Lawsonia intracellularis (PIA) PCR (FTA card) pooled 1-4	7	
11929	MRSA agens PCR (FTA card) pooled 1-4	3	
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
11927	Streptococcus suis typing 1,2,7,9 PCR (FTA card) pooled 1-4	4	
Viruses			
11845	Influenza A virus PCR (FTA card) pooled 1-4	3	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	3	
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.

