

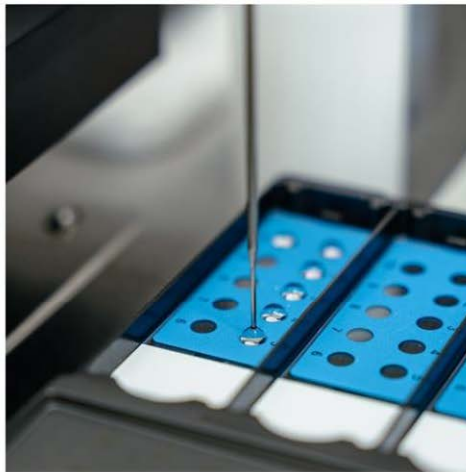
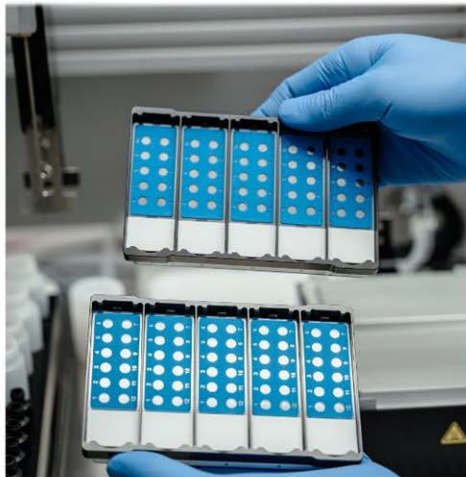


- Capacity in 64 serum samples
- Samples tube barcode reader
- Two slides rack, 5 slide each capacity
- Slides racks for 10 and 12 wells slides
- Incubation temperature control (37°C)
- Slides rack humidity control
- Dilution plate 96 wells (single-use)
- Titration plate 96 wells (single-use)
- One washable metal tip for all purposes
- 8-channel coaxial washing device
- Waste bottle with filling alarm



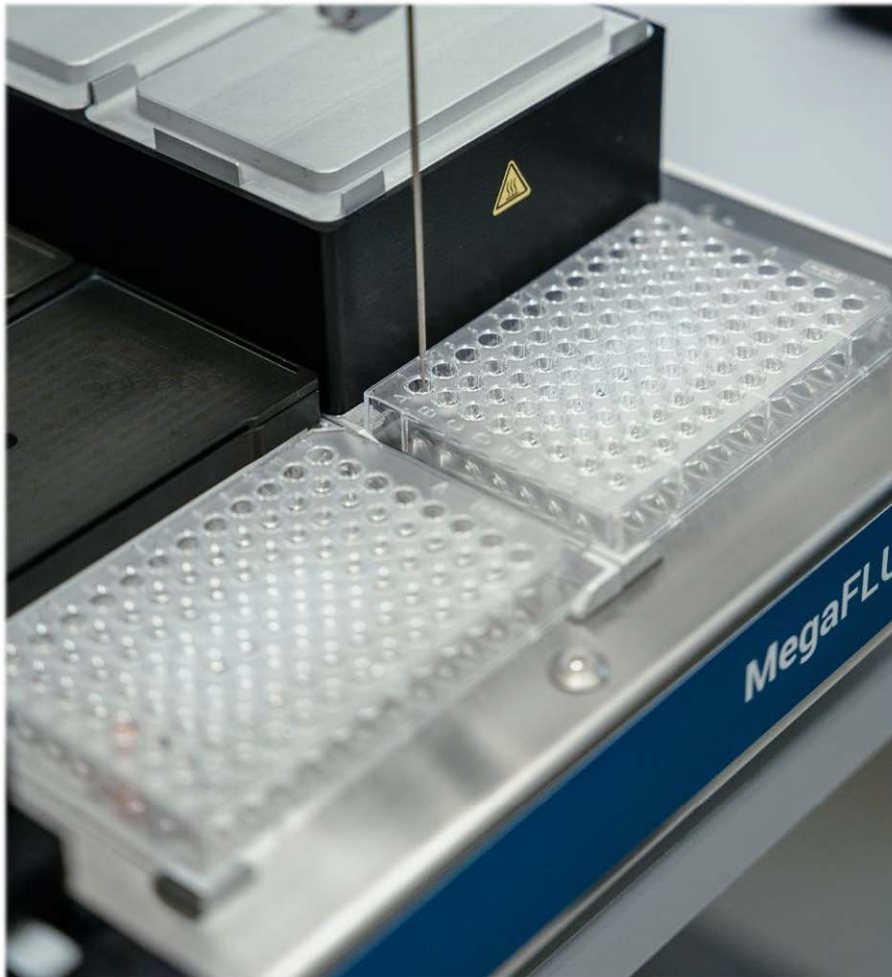
## Serum sample tube:

- Material: polypropylene
- Volume: 5 ml
- Size: 12/75 mm
- Bottom: round
- Colour: natural
- Min. serum volume: 350 µl



## IFA slides:

- MEGACOR: 10 wells
- MEGACOR: 12 wells
- Well: 5 mm
- Size: 75\*25 mm
- Mask: Blue Teflon



## Screening plate:

- Microplate 96 wells
- Material: polystyrene
- Bottom: “U-shape”
- Sterile, single-use
- Colour: clear
- Well Volume: 350µl

## Serial dilution plate:

- Microplate 96 wells
- Material: polystyrene
- Bottom: “V-shape”
- Sterile, single-use
- Colour: clear
- Well volume: 300 µl

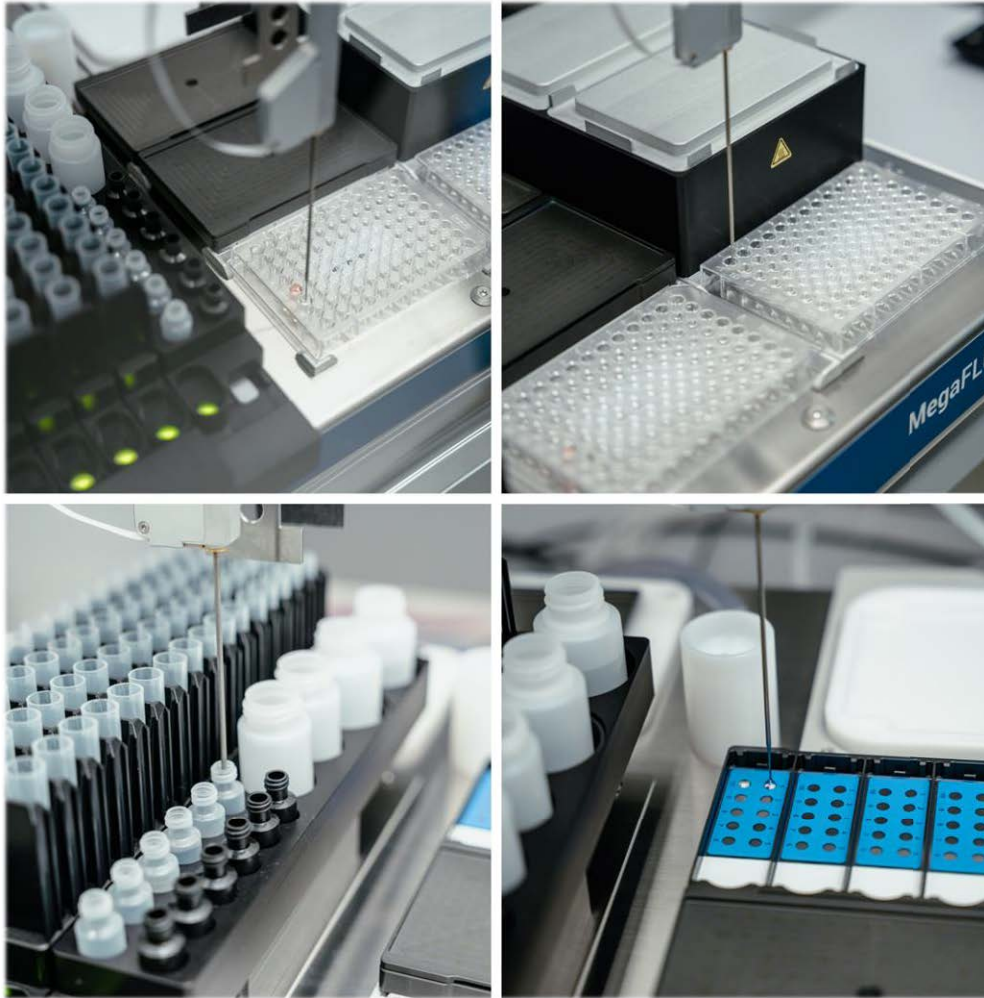


## MegaFLUO® FITC

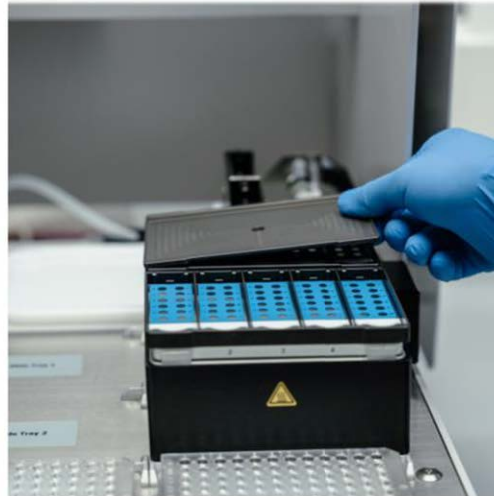
- anti-cat IgG/IgM
- anti-dog IgG/IgM
- anti-cattle IgG/IgM
- anti-horse IgG/IgM
- anti-sheep IgG/IgM
- anti-rabbit IgG/IgM
- anti-pig IgG
- anti-guinea pig IgG



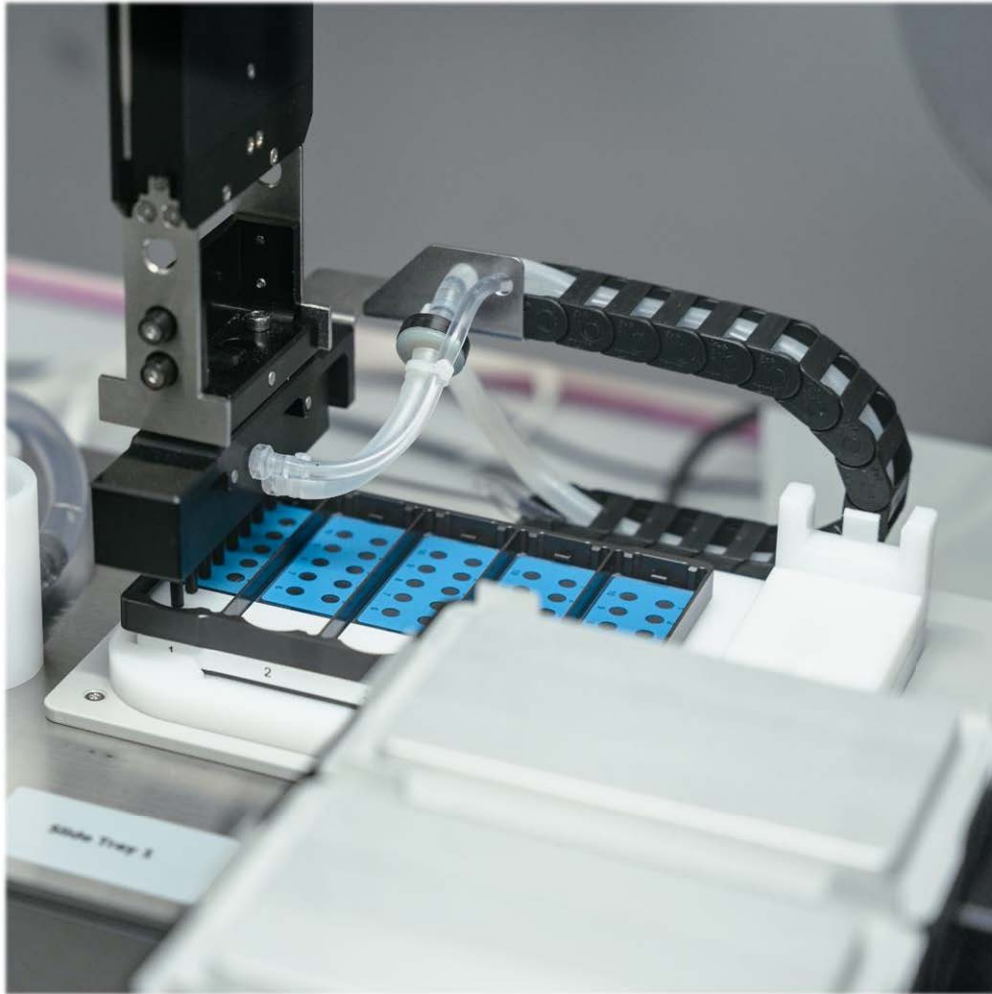
- Automatic slide rack lid opening
- Transferring rack to incubator
- Moving slides to washing section
- Operations with washing manifold



- One metal tip for all purposes
- Screening dilution preparation
- Series dilution preparation
- Controls and conjugates pipetting
- Slides wells coating
- Tip external / internal cleansing system



- Two incubator on board (5 slides each)
- Precise 37°C temperature control
- Rack humid environment control

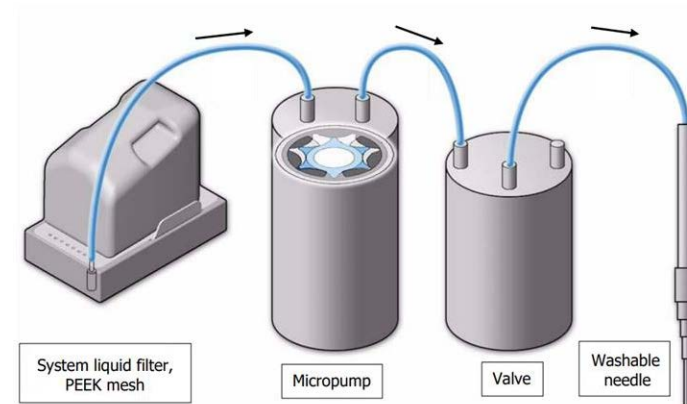


- 8-channel coaxial washing device
- Serum and conjugate aspiration
- Varies of rinsing algorithms
- PBS manifold slide rinsing



## External decontamination liquid system

- Patented container cap valve
- High-precise, robust micropump (Swiss made)
- Cleaning solution 2.5 L (Dist. water + detergent)
- System tubing washing process
- Inside/outside tip washing process



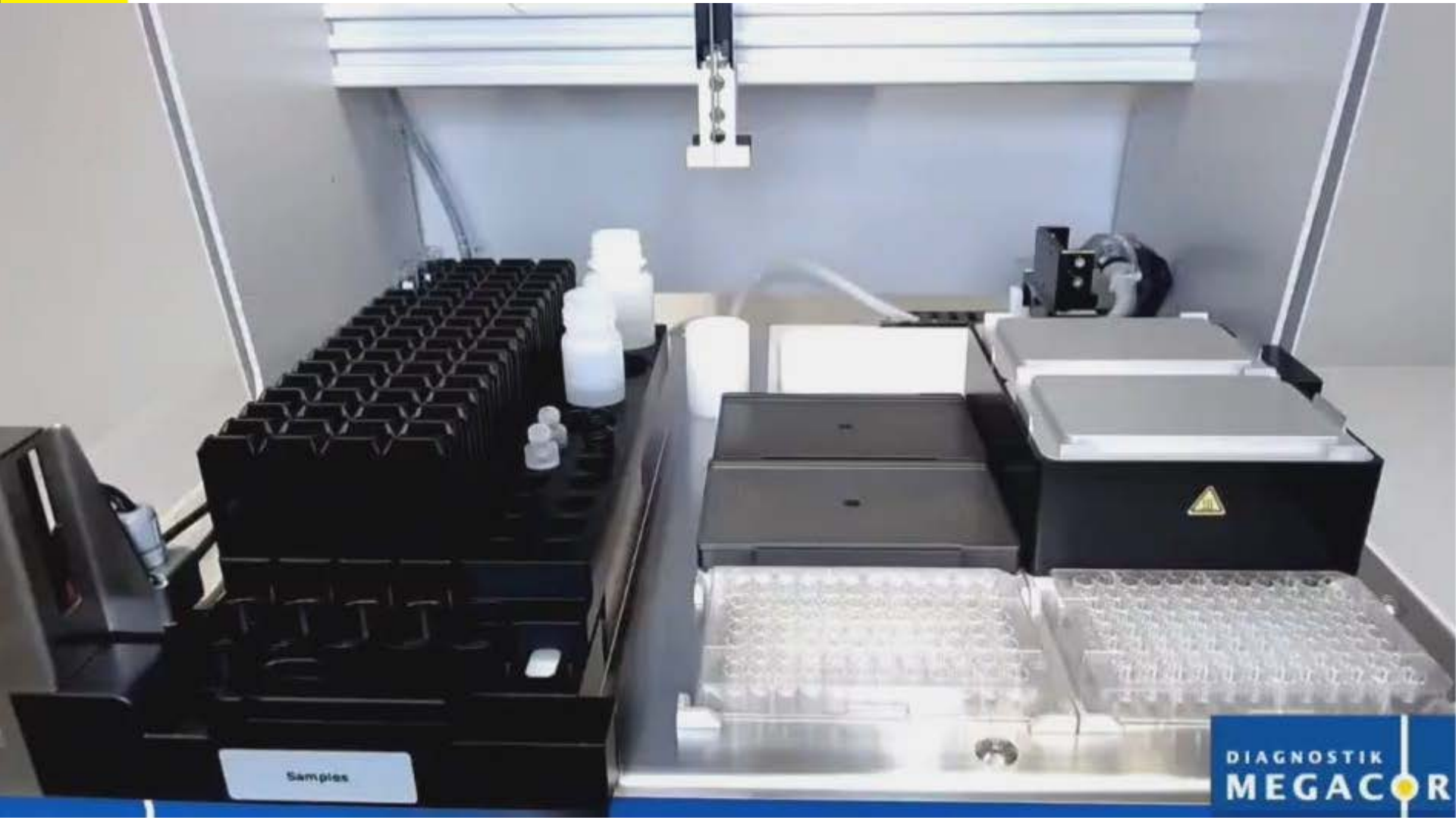


## Bottles system

- 10L waste bottle
- 2.5 L Rinsing slides buffer bottle
- Bottle liquid detection caps sensor
- Bottle filling indication (sound and light indication)
- Exhaust air valve system

# MegaFLUO® DROP

Pipetting  
Process  
Video



DIAGNOSTIK  
MEGACOR

DIAGNOSTIK  
MEGACOR

# MegaFLUO® DROP

Operating Software

MegaFLUO® DROP – Ver. 4.2.0 - User:Ole (supervisor) - [Current Session]

Methods Barcode Run Restart Clear list Import Results Read Service Return...

None Scheduled Processed Next run Running Aborted

Patient	Tube	BarCode	Name

Methods Selection

Test methods

Method name	Description
<input checked="" type="checkbox"/> ANA Hep2 IgG 2Ctrl	MEGAFLUO ANA Hep- 2 end titer
<input type="checkbox"/> ANA Hep2 IgM 2Ctrl	MEGAFLUO ANA Hep-2 end titer
<input checked="" type="checkbox"/> Anaplasma IgG 2Ctrl	MEGAFLUO Anaplasma ph. end titer IgG 2 controls
<input checked="" type="checkbox"/> Babesia can IgG	MEGAFLUO A Babesia canis end titer
<input checked="" type="checkbox"/> Bartonella hens IgG	MEGAFLUO Bartonella henselae end titer
<input type="checkbox"/> Besnoitia bes IgG	MEGAFLUO Bestnoitia besnoiti end titer
<input checked="" type="checkbox"/> Borrelia can IgG	MEGAFLUO Borrelia canis end titer
<input type="checkbox"/> Brucella can IgG	MEGAFLUO Brucella canis end titer
<input type="checkbox"/> CDV IgG	MEGAFLUO Canine Distempervirus 12 wells end titer
<input type="checkbox"/> CDV IgM	MEGAFLUO Brucella canis end titer
<input checked="" type="checkbox"/> Chlam felis IgG	MEGAFLUO Brucella canis end titer
<input type="checkbox"/> CHV IgG	MEGAFLUO Canine Herpesvirus end titer
<input type="checkbox"/> CPV IgG	MEGAFLUO Canine Parvovirus end titer
<input type="checkbox"/> ehr canis endtiter	MEGAFLUO EHR canis 12 wells end titer
<input type="checkbox"/> Ehr1 canis IgG	MEGAFLUO EHR canis end titer
<input type="checkbox"/> Ehr1 IgG 2Ctrl	MEGAFLUO EHR canis end titer
<input type="checkbox"/> Ehr1 IgM 2Ctrl	MEGAFLUO EHR canis end titer
<input type="checkbox"/> Ehr12cont testing	MEGAFLUO EHR canis 12 wells end titer
<input type="checkbox"/> EHV 1_4 IgG	MEGAFLUO Equine Herpesvirus 1+4 end titer
<input type="checkbox"/> Enceph cuniculi IgG	MEGAFLUO Encephalitozoon cuniculi end titer
<input type="checkbox"/> Enceph cuniculi IgM	MEGAFLUO Encephalitozoon cuniculi end titer
<input type="checkbox"/> FCoV IgG	MEGAFLUO Feline Coronavirus end titer

Ok Cancel

Choose IFAT methods you would like to use from the list (IgG or IgM)

MegaFLUO® DROP – Ver. 4.2.0 - User:Ole (supervisor) - [ANA Hep2 IgG 2Ctrl - Titre Selection]

Tube	BarCode	Name	Screen	1/40	1/80	1/160	1/320	1/640	1/1280	1/2560	1/5120	1/10240	1/20480
0001	IDM001	Lusy 2344											
0002	IDM002	Tom 12673											

ANA Hep-2

MegaFLUO® DROP – Ver. 4.2.0 - User:Ole (supervisor) - [Anaplasma IgG 2Ctrl - Titre Selection]

Tube	BarCode	Name	Screen	1/40	1/80	1/160	1/320	1/640	1/1280	1/2560	1/5120	1/10240	1/20480
0001	IDM001	Lusy 2344											

Anaplasma ph. IgG

MegaFLUO® DROP – Ver. 4.2.0 - User:Ole (supervisor) - [Babesia can IgG - Titre Selection]

Tube	BarCode	Name	Screen	1/40	1/80	1/160	1/320	1/640	1/1280	1/2560	1/5120	1/10240	1/20480
0001	IDM001	Lusy 2344											
0002	IDM002	Tom 12673											

Babesia canis IgG

MegaFLUO® DROP – Ver. 4.2.0 - User:Ole (supervisor) - [Bartonella hens IgG - Titre Selection]

Tube	BarCode	Name	Screen	1/40	1/80	1/160	1/320	1/640	1/1280	1/2560	1/5120	1/10240	1/20480
0001	IDM001	Lusy 2344											
0004	IDM004	IDM004											

Bartonella henselae IgG

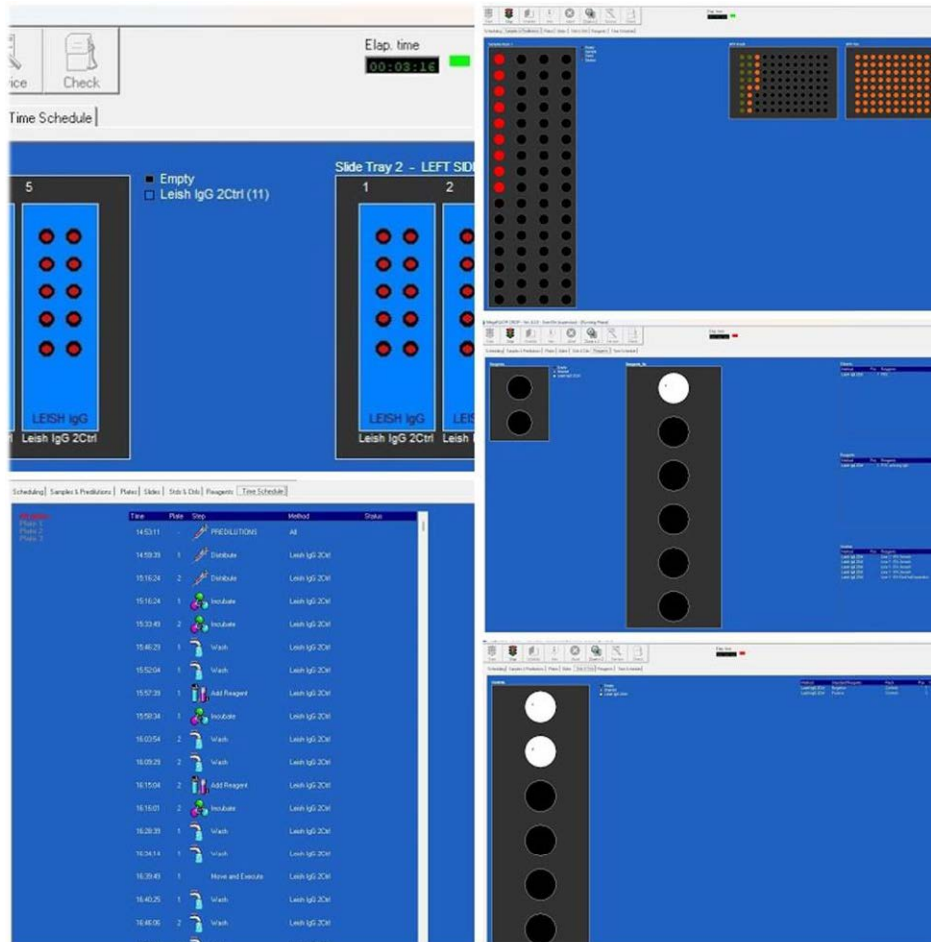
MegaFLUO® DROP – Ver. 4.2.0 - User:Ole (supervisor) - [Borrelia can IgG - Titre Selection]

Tube	BarCode	Name	Screen	1/40	1/80	1/160	1/320	1/640	1/1280	1/2560	1/5120	1/10240
0001	IDM001	Lusy 2344										
0002	IDM002	Tom 12673										

Borrelia canis IgG

Choose dilutions for each method

- Scheme with racks and slides
- Active session wells marked in RED
- Session procedure steps indication
- Time taken for each step
- Each plate indicates separately



- Active serum tubes marked in RED
- Previous session predilution marked in GREEN
- Active session predilution marked in ORANGE
- Active conjugate position marked in WHITE
- Positive / negative controls marked in rack



## Test Report

**Method Name:** Leish IgG 2Ctrl

**Plate:** 20250207-100309-slidet\_1

**Date:** Freitag, 7. Februar 2025

**Lot:** 22504

Plate: 20250207-100309-slidet\_1 Method Name: Leish IgG 2Ctrl

Slide	Well	SampleID	Dilution	Tube	Result
1	01	H			
1	02	-			
1	03	IDM001	SCREEN	1	
1	04	IDM001	1:40	1	
1	05	IDM001	1:80	1	
1	06	IDM001	1:160	1	
1	07	IDM001	1:320	1	
1	08	IDM001	1:640	1	
1	09	IDM001	1:1280	1	
1	10	IDM001	1:2560	1	

Plate: 20250207-100309-slidet\_1 Method Name: Leish IgG 2Ctrl

Slide	Well	SampleID	Dilution	Tube	Result
2	01	IDM001	1:5120	1	
2	02	IDM001	1:10240	1	
2	03	IDM002	SCREEN	2	
2	04	IDM002	1:40	2	
2	05	IDM002	1:80	2	
2	06	IDM002	1:160	2	
2	07	IDM002	1:320	2	
2	08	IDM002	1:640	2	
2	09	IDM002	1:1280	2	
2	10	IDM002	1:2560	2	

## The session report includes:

- Session method name
- Session date
- Slides plate ID
- Lot number
- Sample ID
- Sample dilution
- Sample tube number
- Slide well number
- Report can be:
  - Stored
  - Printed
  - Send by LIMS