

2025

# ANIMAL HEALTH

PRODUCT CATALOG

**VetFör**<sup>TM</sup>  
ANIMAL CARE



V07-22092025

**IN**  
**TEST**  
WE  
TRUST

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# ABOUT US

## | Our Story |

Vitrosens Biotechnology Inc., founded in Türkiye, has brought together R&D, production, and sales, since our establishment, to provide and develop accurate, game-changing in vitro diagnostic solutions. The company is a leading diagnostics firm committed to advancing science and improving the world through innovative technologies and groundbreaking research.



Our company operates the largest rapid test kit facility in Türkiye, and our manufacturing processes are carried out under ISO 13485: 2016 compliant quality systems. Our quality management systems have a Medical Device Single Audit Program (MDSAP) standards. The company's success is founded on our expertise in molecular biology, genetics, in-vitro-diagnostic (IVD), and point-of-care testing (POCT).

## | Quality Standards |



The Medical Device Single Audit Program enables an Auditing Organization recognized by MDSAP to perform a sole regulatory audit for a medical device manufacturer, meeting the applicable requirements of the regulatory authorities involved in the program.

### Jurisdictions:

- Therapeutic Goods Administration of Australia
- Brazil's Agência Nacional de Vigilância Sanitária
- Health Canada
- U.S. Food and Drug Administration



Health  
Canada

Santé  
Canada

## | Certificates |

- Republic of Türkiye Ministry of Health
- Republic of Türkiye Ministry of Agriculture and Forestry
- Medical Device Single Audit Program (MDSAP)
- Free Sales Certificates – From Türkiye, the UK and the European Union
- Therapeutic Goods Administration (TGA)
- Medicines and Healthcare products Regulatory Agency of UK (MHRA)
- ISO 13485:2016
- ISO 14644-1 Cleanrooms and Associated Controlled Environments approved Class 8 Production Area

## | Our Solutions |

- Rapid Test Kits Development
- Molecular Products Development
- Diagnostic Device Development
- OEM (Original Equipment Manufacturer)
- ODM (Original Design Manufacturer)
- Lyophilized Solution for MDx Solutions
- Immunofluorescence Assay Development

## | Why Vitrosens? |

- Broad Test Spectrum
- Innovative IVD Products
- Experienced R&D and P&D Team
- Central Location- Fast Delivery to All The World
- Daily Production Capacity: 500.000 Tests
- 10.000 m<sup>2</sup> Facility Area
- Environmental Sustainability

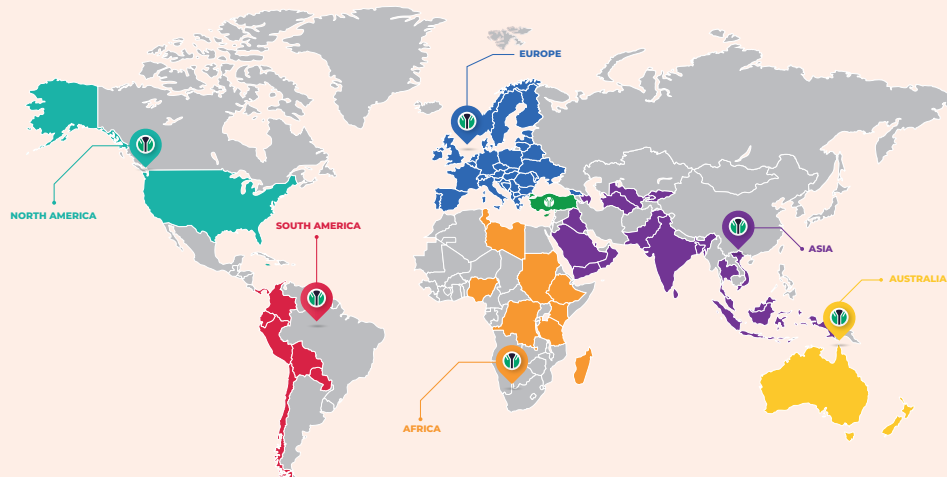
## | Global Presence |

**+50**  
Countries

**6**  
Continents

**+100**  
Partner Companies

**+100M**  
Production Capacity



## | Vitrosens Core Technology Platforms |



Colloidal Gold - Latex



Immunofluorescence



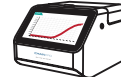
Molecular Diagnostic



Biomaterial



FIA Instrument



Molecular Instrument

## | Our Brands |

RapidFor

VetFor

MagFast

ChainPro

ChainFor

MagPro

ViraSens

LyoSens

FIAPro

DrugFor

VNFOR

VTFOR

# ABOUT US

## R&D CENTER

In 2016, our company took the establishment steps, it became a Research and Development (R&D) Centre by obtaining approval from the relevant ministry in Türkiye. Our company, which has focused on the importance of research and development since its establishment, makes all its investments in this direction.



## Academic and Clinical Partnerships

Located in Türkiye and abroad,

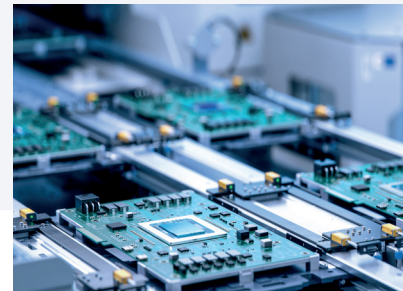
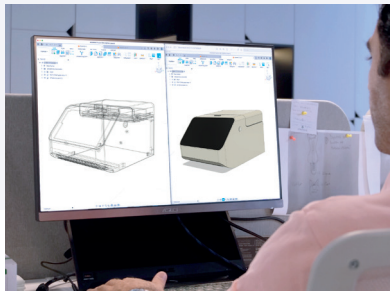
- Collaboration with recognized universities
- Product-performance evaluation cooperation with veterinary clinics for **Animal Health Division**
- Collaboration with specialized laboratories and hospitals in the field of **Human Health Division**



## PRODUCT & DEVICE DEVELOPMENT

Our product development department is constantly working on the development of rapid test cassettes and diagnostic devices using high-innovation technology.

- Test cassette design, molding and plastic injection
- Molecular Diagnostic Instruments: Real-Time PCR and Nucleic Acid Extraction device
- Immunofluorescence Instruments: Europium (3+) Based System
- Software Development: In house software application for our devices
- Main-board and circuit design



**Special Device  
Design**



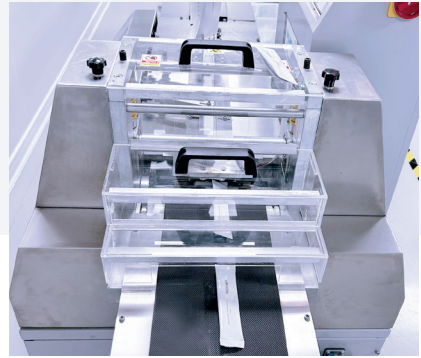
**Designed digital  
print on cassettes**



**Production of  
electronic main-board**

## PRODUCTION

In co-operation with our successful R&D department, we produce at high standards in our **6000m<sup>2</sup> production area**. We take care to produce by keeping biosecurity at high levels with our **Clean Room** standard with ISO 14644 **Class 8** certificates. Our factory has the opportunity to work **7/24** if necessary to provide the best service to our valued partners.



Clean Room  
Production



Automated solution  
filling systems



Automated  
packaging systems

## ENVIRONMENTAL SUSTAINABILITY

Vitrosens Biotechnology, we are dedicated to restricting our plastic usage to preserve environmental resources, promote **sustainable** development, and minimize the **ecological impact** of our products by safeguarding ecosystems. Our distinctive approach is evident in the production of our biobased cassettes. These **bio-based cassette** are designed to be sustainable and **bio-degradable**. Serving as an environmentally friendly alternative to mass-produced plastic test cassettes, our commitment to **eco-friendly production** is strongly upheld under the **ISO 14001** standards we adhere to.



Biobase Cassette



Bio-degreable  
package



Paper Cassette



Bio-degreable  
Cassette

# RAPID TEST KITS

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- Multiple results with a single sample
- 2in1 3in1, 4in1, 5in1 with options
- For all breeds and all ages
- Early Disease Screening
- Result in 5 - 10 mins





## PET CARE CANINE



### LSH Ab + ANA Ab + EHR Ab + HW Ag

This test kit is designed for in vitro qualitative detection of *Leishmania infantum* (LSH), *Anaplasma spp.* (ANA), and *Ehrlichia canis* (EHR) antibodies in canine serum and plasma samples. It can also identify antigens specific to Heartworm (HW) in canine whole blood samples.

#### Box Content

- Test Cassette
- Sample Diluent
- Dropper
- Instruction for Use

#### Advantages

- 4in1 test to screen immunity level of LSH, ANA, HW, and EHR
- Easy and safe procedure
- Minimalistic design



## CANINE PRODUCTS

Ref. No	Name	Specimen	Kit Size
VVD01★	CDV Ag Test Kit	N/SL	10 T
VVD02	CPV Ag Test Kit	F	10 T
VVD03	CCV Ag Test Kit	F	10 T
VVD05	CPV + CCV Ag Test Kit	F	10 T
VVD06 ★	CPV + CCV + Giardia Ag Test Kit	F	5 T
VVD10	Leishmania Ab Test Kit	S/P	10 T
VVD14	CDV Ab Test Kit	S/P	10 T
VVD16	Rabies Ag Test Kit	N/SL	10 T
VVD17	Ehrlichia Ab Test Kit	S/P	10 T
VVD18	Lyme Ab Test Kit	S/P	10 T
VVD19	Anaplasma Ab Test Kit	S/P	10 T
VVD21	Rabies Ab Test Kit	S/P	10 T
VVD23	Crypto Ag Test Kit	F	10 T
VVD28	EHR Ab + ANA Ab Test Kit	S/P	10 T
VVD29	LSH + ANA + EHR Ab Test Kit	S/P	5 T
VVD30★	LSH Ab + ANA Ab + EHR Ab + HW Ag Test Kit	S/P/WB	5 T
VVD32	CAV Ag Test Kit	F	10 T
VVD33	CIV Ag Test Kit	F	10 T
VVD34	CPV Ab Test Kit	S/P	10 T
VVD35	CDV + CAV Ag Test Kit	N/SL/F	10 T
VVD36★	CDV + CAV + CIV Ag Test Kit	N/SL/F	5 T
VVD37	CPV + CCV + GIA + CRV Ag Test Kit	N/SL/F	5 T
VVD39	Lyme Ab + ANA Ab + EHR Ab + HW Ag Test Kit	S/P/WB	5 T
VVD41	Lyme Ab + ANA Ab + HW Ag Test Kit	S/P/WB	5 T
VVD42	CAV + CIV Ag Test Kit	F	10 T
VVD43	CPV + CDV Ag Test Kit	S/P/N/SL	10 T

\* N: Nasal, SL: Saliva, F: Feces, S: Serum, P: Plasma, WB: Whole Blood

★ Highlighted Product

## PET CARE FELINE



### Box Content

- Test Cassette
- Extraction Buffer
- Sampling Swab
- Instruction for Use

### Advantages

- 3in1 test for diagnosis of FCoV, FPV and GIA
- Aids in early differentiative diagnosis
- Simple sampling

## FCoV + FPV + Giardia Ag

This test kit is intended for the in vitro qualitative detection of antigens specific to Feline Coronavirus (FCoV), Feline Panleukopenia Virus (FPV), and *Giardia* spp. in feline fecal samples.

### FELINE PRODUCTS

Ref. No	Name	Specimen	Kit Size
VVD07	FCoV Ag Test Kit	F	10 T
VVD08	FIP Ab Test Kit	S/P	10 T
VVD09★	FIV Ab + FeLV Ag Test Kit	S/P/WB	10 T
VVD11	FPV Ag Test Kit	F	10 T
VVD12	FIV Ab Test Kit	S/P/WB	5 T
VVD15	FeLV Ag Test Kit	S/P/WB	10 T
VVD22	FHV Ag Test Kit	E/N/SL	10 T
VVD25	FCV Ab Test Kit	F	10 T
VVD26	FCoV Ab Test Kit	S/P	10 T
VVD27	FeLV Ab Test Kit	S/P/WB	10 T
VVD31★	FCoV Ag + FCoV Ab Test Kit	S/P/F	10 T
VVD38	FIV Ab + FCoV Ab + FeLV Ag Test Kit	S/P/WB	5 T
VVD40★	FCoV + FPV + Giardia Ag Test Kit	F	5 T
VVD45	FCV + FHV Ag Test Kit	N/SL	10T

\* E: Eye, N: Nasal, SL: Saliva, F: Feces, S: Serum, P: Plasma, WB: Whole Blood

★ Highlighted Product

## PET CARE CANINE & FELINE



### Giardia Ag

The test kit for canine and feline use is a diagnostic tool designed to quickly detect the presence of *Giardia duodenalis* antigens in the fecal samples of dogs and cats. *Giardia* is a microscopic parasite that can cause gastrointestinal infections in animals.

#### Box Content

- Test Cassette
- Extraction Buffer
- Sampling Swab
- Instruction for Use

#### Advantages

- Suitable for both canine and feline
- Helps for the diagnosis of intestinal infections
- Accurate and sensitive results
- Visually recognizable interpretation

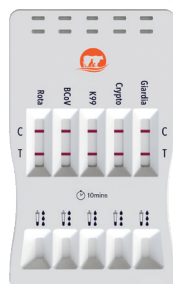


### CANINE & FELINE PRODUCTS

Ref. No	Name	Specimen	Kit Size
VVD13	Toxo Ab Test Kit	S/P	10 T
VVD04	Giardia Ag Test Kit	F	10 T
VVD24	HW Ag Test Kit	S/P/WB	10 T

\* F: Feces, S: Serum, P: Plasma,

## ANIMAL CARE RUMINANT



### Box Content

- Test Cassette
- Extraction Buffer
- Sampling Swab
- Instruction for Use

### Advantages

- 5in1 test with one sample
- Aids for early diagnosis
- High rates of sensitivity
- Simple procedure

## Rota + Corona + E.Coli K99 + Crypto + Giardia Ag

This test kit is designed for the in vitro qualitative detection of antigens specific to Rotavirus, Coronavirus, *Escherichia coli* (*E. coli*) K99, *Cryptosporidium parvum* and *Giardia spp.* in bovine fecal samples.

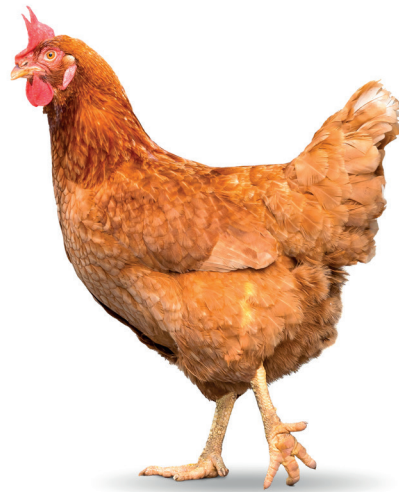
### RUMINANT PRODUCTS

Ref. No	Name	Specimen	Kit Size
VVS01★	B. Brucella Ab Test Kit	S/P	10 T
VVS02★	M. Tuberculosis Ab Test Kit	S/P	10 T
VVS03	BVDV Ab Test Kit	S/P	10 T
VVS04	B. Pregnancy Test Kit	S/P	10 T
VVS05	B. Rotavirus Ag Test Kit	F	10 T
VVS06	B. <i>E. coli</i> K99 Ag Test Kit	F	10 T
VVS07	B. Crypto Ag Test Kit	F	10 T
VVS08	B. Giardia Ag Test Kit	F	10 T
VVS12	<i>C. perfringens</i> Test Kit	F	10 T
VVS13	FMD NSP Ab Test Kit	S/P	10 T
VVS14	B. Coronavirus Ag Test Kit	F	10 T
VVS16	B. Salmonella Ag Test Kit	F	10 T
VVS17	B. Toxoplasma Ab Test Kit	S/P	10 T
VVS32	Rota + Corona + <i>E. coli</i> K99 Ag Test Kit	F	5 T
VVS33	Rota + Corona + <i>E. coli</i> K99 + Crypto Ag Test Kit	F	5 T
VVS34	Rota + Corona + <i>E. coli</i> K99 + Giardia Ag Test Kit	F	5 T
VVS35	Rota + Corona + <i>E. coli</i> K99 + <i>C. perfringens</i> Ag Test Kit	F	5 T
VVS36	Rota + Corona + <i>E. coli</i> K99 + Crypto + Giardia Ag Test Kit	F	5 T
VVS37★	Rota + Corona + <i>E. coli</i> K99 + Crypto + <i>C. perfringens</i> Ag Test Kit	F	5 T
VVS38	Rota + Corona + <i>E. coli</i> K99 + Giardia + <i>C. perfringens</i> Ag Test Kit	F	5 T
VVS39	Rota + Corona + <i>E. coli</i> K99 + Crypto + Giardia + <i>C. perfringens</i> Ag Test Kit	F	5 T

\*F: Feces, S: Serum, P: Plasma

★ Highlighted Product

## ANIMAL CARE POULTRY



### Box Content

- Test Cassette
- Extraction Buffer
- Sampling Swab
- Instruction for Use

### Advantages

- Aids for early diagnosis
- High rates of sensitivity
- Accurate results are ready within minutes
- Useful for massive screening

## Avian Influenza Ag

The test is a diagnostic kit designed for the rapid detection of avian influenza antigens. Avian influenza, also known as bird flu, is a contagious viral infection affecting birds, particularly poultry. The kit plays a crucial role in quickly identifying the presence of avian influenza antigens in birds, helping to control and prevent the spread of the virus.

### POULTRY PRODUCTS

Ref. No	Name	Specimen	Kit Size
VVS18★	Avian Influenza Ag Test Kit	T/F	10 T
VVS19★	NDV Ag Test Kit	C/T	10 T
VVS20★	Salmonella Typhimurium Ag Test Kit	T	10 T

\*C: Cloaca, F: Fecal, T: Trachea, S: Serum, P: Plasma

★ Highlighted Product

# FIA TEST LINE

## CANINE

Infectious	CPV, CDV, CCV, Giardia
Cardiac Markers	cNT-proBNP, cTnI, D-Dimer
Renal Biomarker	cSDMA
Acute Phase Protein	cCRP
Pancreatitis	cPL
Hormone	cPROG, cTSH, Canine T4, Canine fT4, Cortisol
Diabetes	Canine HbA1c

## FELINE

Infectious	FCV, FHV, FCoV, FeLV, FPV, Giardia
Cardiac Markers	fNT-proBNP, fTnI, D-Dimer
Renal Biomarker	fSDMA
Acute Phase Protein	fSAA
Pancreatitis	fPL
Hormone	Feline T4, Feline fT4
Diabetes	Feline HbA1c



## FIA PRODUCTS



## Immunofluorescence Analyzer

Immunofluorescence Analyzer is an in-vitro diagnostic device for the quantitative analysis of test kits detecting a wide range of antigens, antibodies, hormones, and other proteins of importance to canine and feline health. Equipped with innovative time-resolved immunofluorescence technology, it offers excellent sensitivity and specificity with multiple sample types. Veterinary Immunofluorescence Analyzer provides an accurate, time-efficient, and fully automated method to support veterinary professionals in the screening, diagnosis, and monitoring of a vast array of infections and conditions affecting canine and feline health.

## FIA Application Scenarios



Production Facility



Animal Hospital



Veterinary Clinic



Customs Gate

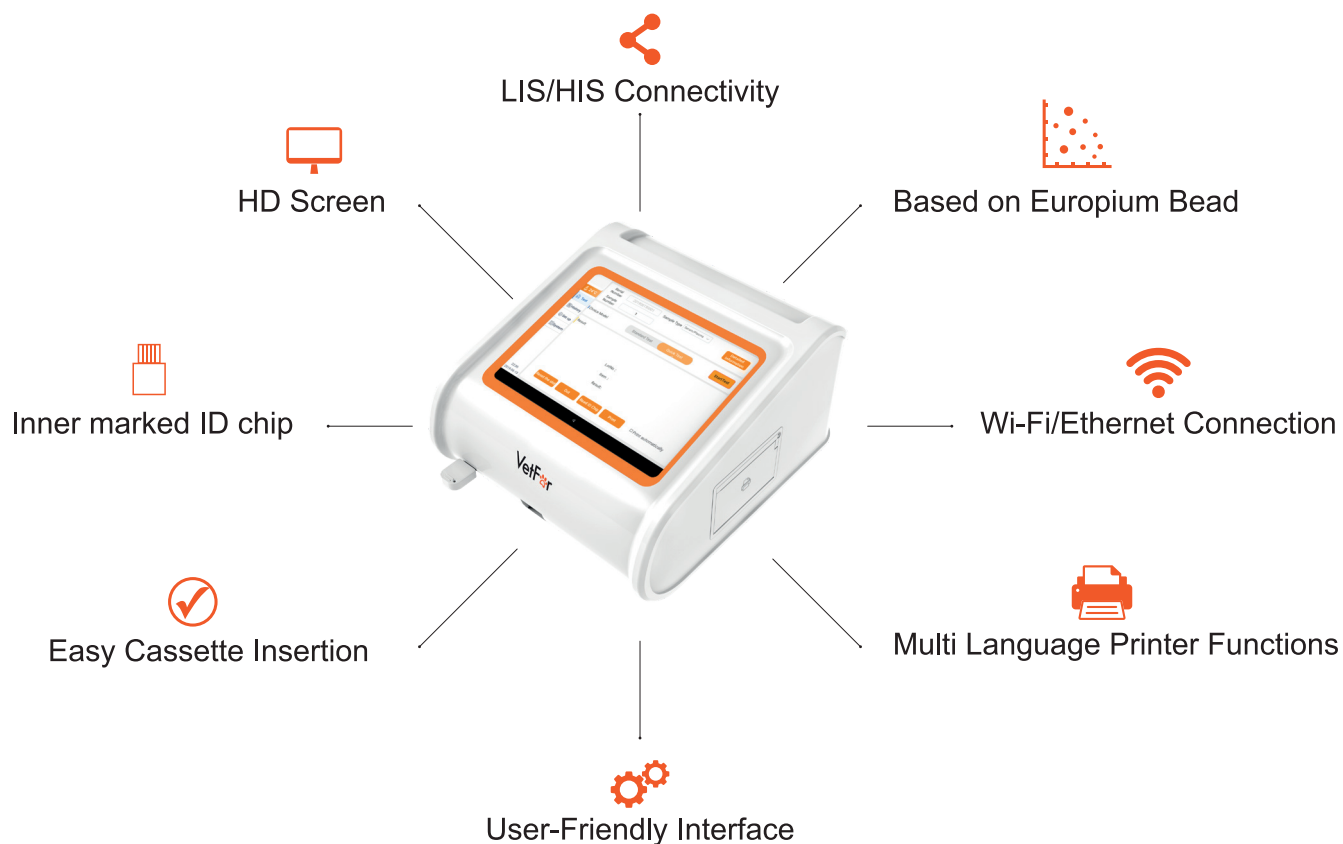


Shelter



Farm

# Specifications



Product Name	Immunofluorescence Analyzer
Model	VMFIA1001
Size	245*270*160 mm
Display	8 inches
Methodology	Time-resolved fluorescence Immunoassay
Weight	<2 kg
Sample type	Whole Blood/Serum/Plasma/Urine/etc.
Test channel	Single channel, automatic
Test items	Up to 100
Test mode	Standard (Walk-away) Mode and Quick Mode
Test speed	Single cassette < 10s
Internet	Serial Port, USB, WLAN
Print	Built-in thermal printer
System	Android
Storage	>50000 test records
Language	Turkish, English, German, Spanish, Polish, Italian, French, Portuguese, Russian
Card code	QR code

# CARDIAC MARKERS



## Box Content

- Test Cassette
- Sample Diluent
- Pipette Tip
- ID Chip
- Instruction for Use

## NT-proBNP (FIA)

The test kit is based on fluorescence immunoassay for the quantitative detection of NT-proBNP in canine and feline. NT-proBNP is a biomarker associated with heart-related conditions, particularly cardiac stress and heart failure. This test is valuable for veterinarians in assessing cardiac health, aiding in the early diagnosis, and monitoring of heart-related issues in canines and felines.

Ref.No	Name	Species	Detection Range	Kit Size
VVP12★	cNT-proBNP (FIA)	C	500 - 10000 pmol/L	10 T
VVP24★	fNT-proBNP (FIA)	F	50 – 1500 pmol/L	10 T
VVP27	cTnI (FIA)	C	0.01 - 20 ng/mL	10 T
VVP28	fTnI (FIA)	F	0.01 - 20 ng/mL	10 T
VVP33	cD-Dimer (FIA)	C/F	0.1-10 µg/mL	10 T

\*C: Canine, F: Feline

★ Highlighted Product

# RENAL MARKERS



## Box Content

- Test cassette
- Lyophilized Micro-wells
- Sample Diluent
- Pretreatment Buffer
- Pipette tip
- ID Chip
- Instruction for use

## SDMA (FIA)

The test kit is based on fluorescence immunoassay for the quantitative detection of Symmetric Dimethylarginine (SDMA) in canine and feline. SDMA is a biomarker that is used in veterinary medicine to assess kidney function in canines and felines.

Ref.No	Name	Species	Detection Range	Kit Size
VVP30	fSDMA (FIA)	F	10 - 100 µg/dL	8 T
VVP31	cSDMA (FIA)	C	10 - 100 µg/dL	8 T

\*C: Canine, F: Feline

# ACUTE PHASE PROTEIN



## Box Content

- Test Cassette
- Sample Diluent
- Pipette tip
- ID-Chip
- Instruction for Use

## cCRP (FIA)

The test kit is based on fluorescence immunoassay for the quantitative detection of C-reactive protein (CRP) in the canine. C-reactive protein is an acute-phase protein produced by the liver in response to inflammation or tissue injury. Elevated levels of cCRP in the blood can indicate the presence of inflammation or infection in canines.

Ref.No	Name	Species	Detection Range	Kit Size
VVP01★	cCRP (FIA)	C	10 - 200 mg/L	10 T
VVP15★	fSAA (FIA)	F	5 - 200 µg/mL	10 T

\*C: Canine, F: Feline

★ Highlighted Product

# PANCREATITIS



## Box Content

- Test Cassette
- Sample Diluent
- Pipette Tip
- ID Chip
- Instruction for Use

## PL (FIA)

The test kit is based on fluorescence immunoassay for the quantitative detection of pancreatic lipase (PL) in canine and feline. Pancreatic lipase is an enzyme produced by the pancreas. Elevated levels of PL in the blood can indicate pancreatic inflammation, which may be associated with pancreatitis in canines and felines.

Ref.No	Name	Species	Detection Range	Kit Size
VVP08	cPL (FIA)	C	50 - 2000 ng/mL	10 T
VVP16	fPL (FIA)	F	1 - 50 ng/mL	10 T

\*C: Canine, F: Feline

# DIABETES



## Box Content

- Test Cassette
- Sample Diluent
- Pipette tip
- ID-Chip
- Instruction for Use

## fHbA1c (FIA)

The test kit is based on fluorescence immunoassay for the quantitative detection of Hemoglobin A1c (HbA1c) in canine and feline. This test is used to assess long-term glucose control in canines and felines, providing valuable information about their diabetic status.

Ref.No	Name	Species	Detection Range	Kit Size
VVP32	cHbA1c (FIA)	C	1% - 12%	10 T
VVP45	fHbA1c (FIA)	F	1% - 12%	10 T

\*C: Canine, F: Feline

# HORMONE



## Box Content

- Test Cassette
- Sample Diluent
- Pipette Tip
- ID Chip
- Instruction for Use

## Thyroxine(T4) (FIA)

The test kit is based on fluorescence immunoassay for the quantitative detection of thyroxine (T4) in canine and feline. T4 is a hormone produced by the thyroid gland and plays a crucial role in regulating metabolism in the body. Abnormal T4 levels can indicate thyroid dysfunction.

Ref.No	Name	Species	Detection Range	Kit Size
VVP02★	cProgesterone (FIA)	C	0.2 - 30 ng/ mL	10 T
VVP03	cTSH (FIA)	C	0.25 - 5 ng/mL	10 T
VVP26	cT4 (FIA)	C	0.5 - 8.0 µg/dL	10 T
VVP44	fT4 (FIA)	F	0.5 - 8.0 µg/dL	10 T
VVP29★	cFT4 (FIA)	C	0.1 - 4.5 ng/dL	10 T
VVP04	cCortisol (FIA)	C	1 - 30 µg/dL	10 T
VVP38★	fFT4 (FIA)	F	0.1 - 4.5 ng/dL	10 T

\*C: Canine, F: Feline

★ Highlighted Product



## Box Content

- Test Cassette
- Sample Diluent
- Pipette tip
- ID-Chip
- Instruction for Use

## CDV Ag (FIA)

The test kit is based on fluorescence immunoassay for the quantitative detection of Canine Distemper Virus (CDV) antigens in canines. Canine Distemper Virus is a contagious virus that primarily affects dogs but can also impact other animals. It can cause respiratory, gastrointestinal, and neurological symptoms.

Ref.No	Name	Species	Detection Range	Kit Size
VVP05	CPV Ag (FIA)	C	Qualitative	10 T
VVP06★	CDV Ag (FIA)	C	Qualitative	10 T
VVP07	CCV Ag (FIA)	C	Qualitative	10 T
VVP09	CPV Ab (FIA)	C	Qualitative	10 T
VVP10	CDV Ab (FIA)	C	Qualitative	10 T
VVP17	FCV Ag (FIA)	F	Qualitative	10 T
VVP18	FHV Ag (FIA)	F	Qualitative	10 T
VVP19	FPV Ab (FIA)	F	Qualitative	10 T
VVP20	FCV Ab (FIA)	F	Qualitative	10 T
VVP22★	FCoV Ag (FIA)	F	Qualitative	10 T
VVP25	Toxoplasma Ab (FIA)	C/F	Qualitative	10 T
VVP34	FeLV Ag (FIA)	F	Qualitative	10 T
VVP35★	FPV Ag (FIA)	F	Qualitative	10 T
VVP36	Giardia Ag (FIA)	C/F	Qualitative	10 T

\*C: Canine, F: Feline

★ Highlighted Product

# MOLECULAR DIAGNOSTIC

## **ChainPro™ PCR Systems**

- Designed for comprehensive genetic analysis in veterinary applications.
- Suitable for both research and diagnostic laboratories in veterinary medicine.

## **VetFor™ PCR Kits**

- Designed for targeted genetic research in animal genetics.
- Customizable allows flexibility for specific amplification needs in animal genomics.

## **VetFor™ Lyophilized PCR Kits**

- Offer stability for extended shelf life for veterinary field applications.
- Provide convenience in storage and transportation.

## **MagPro™ Nucleic Acid Extractor Systems**

- Designed for high-throughput applications in veterinary diagnostics.
- Advanced DNA and RNA extraction.

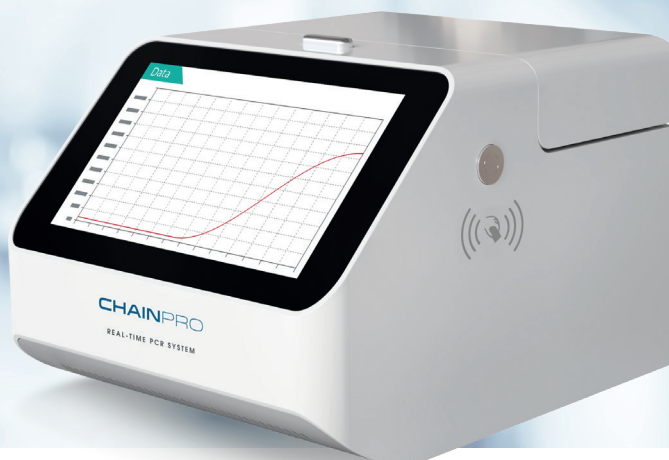
# MagPro

Nucleic Acid Extractor Systems



PCR Systems

## PCR PRODUCTS



## Real-Time Fluorescence Quantitative PCR Instrument

The Veterinary PCR System is designed for real-time quantitative polymerase chain reaction (PCR) analysis with fluorescence detection. It is equipped to simultaneously process and analyze up to 8 samples, providing efficient and accurate results. The real-time monitoring capabilities allow for the continuous tracking of PCR amplification, enabling precise quantification of nucleic acid targets.

### | Performance Parameters |

REF No.	NGX16-4F
Detection Throughput	16 well
Fluorescence Channel	4 Channels
Applicable Probes/Fuels	Channel 1: FAM, SYBR Green I, SYTO 9, Eva Green, LC Green; Channel 2: HEX, VIC, TET, JOE Channel 3: ROX, Texas Red ; Channel 4: CY5
Light Source	High-Brightness, Long-Life, Maintenance-Free LEDs
Applicable Consumables	0.2 ml Transparent Single Tube and 8 Consecutive Tubes
Average Rate Of Warming	5.5°C/s
Average Cooling Rate	4.5°C/s
Temperature Uniformity	±0.3°C
Temperature Accuracy	±0.1°C
Hot Lid Temperature Range	Room Temperature ~105°C
Fluorescence Repeatability	CV≤3%
Sample Repeatability	CV≤3%
Fluorescence Linearity	The linear regression coefficient $r \geq 0.990$
Sample Linearity	The linear regression coefficient $r \geq 0.980$
Software Analysis Capabilities	It can support qualitative, relative quantitative, absolute quantitative, dissolution curve and other analysis
Open Mode	Support reagent open and reagent closed (achieved by swiping card) two modes
Display Screen	7-inch Full-color High-definition LCD Capacitive Screen
Report Printing	1. USB, cloud or computer report management software
Connection	Wired, Wireless WiFi
Power-Off Protection	Instantaneous power-off protection to continue running unfinished experiments after instrument restart
Size	214mm(W) * 203mm(L) * 168mm(H)
Weight	5kg
Features:	· Simplicity, · Precise, · Cloud connectivity, · Reagent blocking



## Magnetic Bead-Based Automated NA Extraction System – MGX-2

The Nucleic Acid Extractor System performs fully automated purification of nucleic acids using magnetic beads. Automated steps include binding of nucleic acids to magnetic beads, washing, and elution of nucleic acids. The protocol provides all the necessary instructions for the MagPro™ to carry out automated nucleic acid purification. The transfer of samples into the different reagents and the separation of the nucleic acid from magnetic beads is performed by the magnetic rows to ensure excellent reproducibility and minimize the handling time required for the extraction and purification of the nucleic acids.

### | Performance Parameters |

REF No	MGX-2
<b>Indication</b>	In vitro diagnostic medical device
<b>Intended user</b>	For professional use in laboratories with trained staff
<b>Capacity</b>	1–2 samples / single extraction process
<b>Specimen types</b>	Whole blood, CSF, plasma, serum, urine, BAL, swab
<b>Extraction principle</b>	Fully automated magnetic separation
<b>Sample volume</b>	200 µl
<b>Elution volume</b>	150 µl
<b>Processing time (F/S)</b>	15 - 25 Minutes
<b>Decontamination</b>	UV- Lamp
<b>Dimension</b>	17 X 23 X 20 cm
<b>Weight</b>	3.5 Kg
<b>Power supply</b>	220V–240V 50/60Hz

# PET CARE PCR KITS

- It is in lyophilized form.
- Offer the possibility of combo options.



## Box Content

- Single Nucleic Acid Extraction Cartridge
- Reagent
- Magnetic Rod
- Instruction for Use

## Toxoplasma gondii Detection Kit

This kit is designed to detect *Toxoplasma gondii* in the whole blood samples of canine or feline by using the fluorescent RT-PCR method.

### PET CARE ALL PCR KITS

Ref. No	Name	Kit Size
VVC01	α-CoV Type I Detection Kit	6 T
VVC02	FCV Detection Kit	6 T
VVC03	FHV-I Detection Kit	6 T
VVC04	FPV Detection Kit	6 T
VVC05	Toxoplasma Gondii Detection Kit	6 T
VVC06	Chlamydia Detection Kit	6 T
VVC07	Bartonella Henselae Detection Kit	6 T
VVC08	Cryptosporidium Detection Kit	6 T
VVC09	Mycoplasma Detection Kit	6 T
VVC10	FIV Detection Kit	6 T
VVC11	FeLV Detection Kit	6 T
VVC17	FCV/FHV-1 Detection Kit	6 T
VVC13	Parvovirus/α-CoV Type I Detection Kit	6 T
VVC14	Chlamydia/Mycoplasma Detection Kit	6 T
VVC15	FCV/FHV-1/Mycoplasma/Chlamydia Detection Kit	6 T
VVC16	FIV/FeLV Detection Kit	6 T
VVC17	Trichomonas Foetus Detection Kit	6 T
VVC18	Bartonella Henselae/Toxoplasma Gondii Detection Kit	6 T
VVC19	Leptospira Detection Kit	6 T
VVC20	CRV Detection Kit	6 T
VVC21	CAV-I Detection Kit	6 T
VVC22	CAV-II Detection Kit	6 T
VVC23	CPIV Detection Kit	6 T
VVC24	CDV Detection Kit	6 T
VVC25	CPV Detection Kit	6 T
VVC26	Babesia Detection Kit	6 T
VVC27	Giardia Detection Kit	6 T
VVC28	Ehrlichia Detection Kit	6 T
VVC29	Rabies Virus Detection Kit	6 T
VVC30	Leptospira/Toxoplasma Detection Kit	6 T
VVC31	Brucella Detection Kit	6 T
VVC32	Bordetella Detection Kit	6 T
VVC34	H.pylori Detection Kit	6 T
VVC35	Lyme Detection Kit	6 T

## PET CARE ALL PCR KITS

Ref. No	Name	Kit Size
VVC36	Leishmania Detection Kit	6 T
VVC37	Anaplasma Detection Kit	6 T
VVC38	CHW Detection Kit	6 T
VVC39	C.Hemotropic Mycoplasmas Detection Kit	6 T
VVC40	Hemotropic Mycoplasmas Detection Kit	6 T
VVC41	FPV/ $\alpha$ -CoV/Giardia Detection Kit	6 T
VVC42	CPV/CCV/Giardia Detection Kit	6 T
VVC43	LSH/ANA/HW/EHR Detection Kit	6 T
VVC44	$\alpha$ -CoV/FPV Detection Kit	6 T
VVC45	CCV/CPV Detection Kit	6 T
VVC46	Lyme/ANA/HW/EHR Detection Kit	6 T
VVC47	Lyme/LSH/ANA/HW/EHR Detection Kit	6 T
VVC48	Lyme/ANA/Babesia/EHR Detection Kit	6 T
VVC49	HM/HW/ANA/Bartonella Detection Kit	6 T
VVC50	Giardia/ $\alpha$ -CoV Detection Kit	6 T
VVC51	$\alpha$ -CoV/CPV Detection Kit	6 T
VVC52	FPV/FCV/Giardia Detection Kit	6 T
VVC53	FPV/Giardia Detection Kit	6 T
VVC54	CPV/Giardia Detection Kit	6 T

## EQUINE PCR KITS

- It is in lyophilized form.
- Offer the possibility of combo options.



### Box Content

- Single Nucleic Acid Extraction Cartridge
- Reagent
- Magnetic Rod
- Instruction for Use

## EAV Detection Kit

This kit is designed to detect Equine Arteritis Virus in the nasal swab samples of equine by using the fluorescent RT-PCR method.

## EQUINE ALL PCR KITS

Ref. No	Name	Kit Size
VVE01	EAV Detection Kit	6 T
VVE02	EHV-1 Detection Kit	6 T
VVE03	EHV-4 Detection Kit	6 T
VVE04	EIAV Detection Kit	6 T
VVE05	Influenza H3N8 Detection Kit	6 T
VVE06	Salmonella Spp. Detection Kit	6 T
VVE07	Streptococcus Equi Detection Kit	6 T
VVE08	Taylorella Equigenitalis Detection Kit	6 T
VVE09	Theileria Equi Detection Kit	6 T
VVE10	AHSV Detection Kit	6 T

# SHRIMP PCR KITS

- It is in lyophilized form.
- Offer the possibility of combo options.



## Box Content

- Single Nucleic Acid Extraction Cartridge
- Reagent
- Magnetic Rod
- Instruction for Use

## WSSV Detection Kit

This kit is designed to detect White spot syndrome virus in the integumental epidermis samples of shrimp by using the fluorescent RT-PCR method.

## SHRIMP ALL PCR KITS

Ref. No	Name	Kit Size
VVK01	WSSV Detection Kit	6 T
VVK02	TSV Detection Kit	6 T
VVK03	IMNV Detection Kit	6 T
VVK04	YHV Detection Kit	6 T
VVK05	LSNV Detection Kit	6 T
VVK06	HPV Detection Kit	6 T
VVK07	IHHNV Detection Kit	6 T
VVK08	VIB Detection Kit	6 T
VVK09	EHP Detection Kit	6 T
VVK10	DIV1 Detection Kit	6 T
VVK11	MrNV Detection Kit	6 T
VVK17	NHPB Detection Kit	6 T
VVK13	PVNV Detection Kit	6 T
VVK14	VP Detection Kit	6 T
VVK15	VH Detection Kit	6 T
VVK16	HLV Detection Kit	6 T
VVK17	VP/AHPND/EHP Detection Kit	6 T
VVK18	VP/HLV/DIV1/AHPND Detection Kit	6 T
VVK19	EHP/VP/AHPND/WSSV Detection Kit	6 T
VVK20	AHPND/DIV1/VP/WSSV Detection Kit	6 T

# FISH PCR KITS

- It is in lyophilized form.
- Offer the possibility of combo options.



## Box Content

- Single Nucleic Acid Extraction Cartridge
- Reagent
- Magnetic Rod
- Instruction for Use

## VNN Detection Kit

This kit is designed to detect Infectious Viral Nervous Necrosis in the brain samples of fish using the fluorescent RT-PCR method.

### FISH ALL PCR KITS

Ref. No	Name	Kit Size
VVF01	ISAV Detection Kit	6 T
VVF01	SAV Detection Kit	6 T
VVF03	F.psychrophilum Detection Kit	6 T
VVF04	IPNV Detection Kit	6 T
VVF05	SRS Detection Kit	6 T
VVF06	BKD Detection Kit	6 T
VVF07	KHV Detection Kit	6 T
VVF08	SVCV Detection Kit	6 T
VVF09	VNN Detection Kit	6 T
VVF10	Iridovirus (red seabream iridovirus/RSIV) Detection Kit	6 T
VVF11	TiLV Detection Kit	6 T

# POULTRY PCR KITS

- It is in lyophilized form.
- Offer the possibility of combo options.



## Box Content

- Single Nucleic Acid Extraction Cartridge
- Reagent
- Magnetic Rod
- Instruction for Use

## Avian Influenza Detection Kit

This kit is designed to detect Avian Influenza in the fecal samples of poultry by using the fluorescent RT-PCR method.

### POULTRY ALL PCR KITS

Ref. No	Name	Kit Size
VVA01	Avian Mycoplasmosis Detection Kit	6 T
VVA02	NDV Detection Kit	6 T
VVA03	ILT Detection Kit	6 T
VVA04	IBV Detection Kit	6 T
VVA05	Fowl Adenovirus Detection Kit	6 T
VVA06	Salmonella Detection Kit	6 T
VVA07	Avian Influenza Detection Kit	6 T
VVA08	Bordatella Bronchitis Detection Kit	6 T

**NOTE:**.....

[illegible]

**NOTE:**



# VITROSENS

V07-22092025