



# Veterinary diagnostics

CATALOGUE 2024



**Accurate diagnostics –  
effective treatment!**



# CONTENTS

PCR diagnostic kits .....	3
Nucleic acids extraction .....	4
Solutions and components .....	4
Quantification of DNA in clinical specimens .....	4
Feline infectious diseases .....	5
Canine infectious diseases .....	5
Bovine infectious diseases .....	6
Porcines infectious diseases .....	8
Poultry infectious diseases .....	9
Infectious diseases affecting different animal species .....	11
ELISA diagnostic kits .....	15
Animal infectious diseases .....	15



## PCR diagnostic kits

The RealBest-Vet diagnostic kits are intended for the detection of animal infectious agents by real-time PCR/RT-PCR. AO Vector-Best offers user-friendly solutions for diagnostics such as lyophilized ready-to-use mixtures with a long shelf life and transportation temperature of up to 26 °C.

### RealBest-Vet kits:

- Complex approach to PCR diagnostics encompassing sample preparation, PCR and evaluation of results
- Simple nucleic acids extraction using magnetic particles
- Lyophilized Ready Master Mix for the detection of DNA/RNA in real-time
- Compatible PCR and RT-PCR protocols for the detection of a wide range of pathogens
- Noncompetitive Internal Control
- Storage of all components at the same temperature (2–8) °C for up to 12-18 months; no freezing required
- Transportation at the temperature up to 26 °C for no more than 10 days is acceptable

### PCR kits formats and compatible real-time PCR systems

**All kits are produced in the str-format:** Ready Master Mix is lyophilized in 0.2 ml white tubes of the 96-tube plate. The only step required for the reaction procedure is the addition of extracted DNA/RNA samples. **Str format** can be used with CFX96™ (Bio-Rad, USA), DTprime (DT-96), DTLite (DNA-Technology, Russia), Gentier 96E/R (Xi'an TianLong, Science and Technology Co., Ltd., China).

Number of simultaneously detected pathogens	Detection channels
1	FAM, ROX
2	FAM, ROX, HEX
3 and more	FAM, ROX, HEX, Cy5

*Other real-time PCR cyclers with similar technical characteristics can be used after validation.*

#### Attention!

The kits contain reagents for RT-PCR/PCR only. The kits for nucleic acids extraction must be ordered additionally. The appropriate extraction kit should be chosen depending on the type of analyzed biological material.





## Nucleic acids extraction

Cat. Nº	Kit Name	Number of tests	Clinical specimens	Comments
5453	RealBest-Vet Alpha	96 (2×48)	Whole blood Sample volume – 100 µl	Extraction of <b>DNA</b> (for KingFisher Flex, Auto-Pure 96 systems )
5454	RealBest-Vet Beta	96 (2×48)	Washings (conjunctiva, upper respiratory tract, urogenital and rectal tracts); synovial fluid; discharge (infraorbital sinuses, air sacs, pericardial cavity); biopsy and autopsy material of organs and tissues; blood serum/plasma; fetuses, eggs, feces, tick suspensions, FTA cards Sample volume – 100 µl	Extraction of <b>DNA</b> and <b>RNA</b> (for KingFisher Flex, Auto-Pure 96 systems)
5876	RealBest-Vet Gamma	48 (4×12)	Washings and mucosal swabs, discharge, biopsy and autopsy material of organs and tissues, blood serum/plasma, whole blood, milk, embryos, eggs, feces, semen, wool, FTA cards, tick suspensions, environmental swabs, water and soil samples Sample volume – 100 µl (50 µl for whole blood)	Manual extraction of <b>DNA</b> and <b>RNA</b>
8899	RealBest DNA-express	100	Epithelial cell specimens from the cervical canal, urethra, vagina, posterior laryngeal wall, conjunctiva; semen, saliva, urine	Manual extraction of <b>DNA</b> in 15 minutes. Lysis Reagent – 100 tubes. Transport solution – 100 tubes

### Solutions and components

5452	RealBest-Vet Inactivating solution	100	Homogenized samples of animal organs and tissues	Inactivation and storage of the samples 2 vials, 15 ml each
5899	Specimen collection cards	100	Whole blood, epithelial cell specimens, washings, biopsy and autopsy material of organs and tissues Paper cards for collection, storage, and transportation of biological specimens	25 cards, each card for 4 specimen



## Quantification of DNA in clinical specimens

Cat. Nº	Kit Name	Number of tests	Comments
5440	RealBest-Vet Sample Validation Bovines	96	Bovine DNA (the <i>HMBS</i> gene)
5473	RealBest-Vet Sample Validation	48	Canine and feline DNA
5818	RealBest-Vet Pig Sample Validation	96	Porcine DNA
5845	RealBest-Vet Chicken Sample Validation	96	Chicken DNA
5846	RealBest-Vet Bovines/Pig/Chicken Sample Identification	96	Differential detection of bovine, porcine, and chicken DNA



## Feline infectious diseases

Cat. Nº	Kit Name	Number of tests	Comments
<b>CHLAMYDIA</b>			
5429	RealBest-Vet DNA <i>Chlamydomphila felis</i>	96	<i>Chlamydomphila felis</i> DNA
<b>CALICIVIRUS</b>			
5422	RealBest-Vet RNA FCV	96	Feline calicivirus RNA
5431	RealBest-Vet RNA FCV/HMBS	96	Feline calicivirus RNA and an endogenous control (the <i>HMBS</i> gene)
<b>HERPESVIRUS</b>			
5420	RealBest-Vet DNA FHV-1	96	Felid herpesvirus type 1 DNA
5430	RealBest-Vet DNA FHV-1/GAPDH	96	Felid herpesvirus type 1 DNA and an endogenous control (the <i>GAPDH</i> gene)
<b>IMMUNODEFICIENCY VIRUS/LEUKEMIA</b>			
5423	RealBest-Vet DNA FeLV	96	Proviral DNA of feline leukemia virus
5428	RealBest-Vet DNA/RNA FeLV	96	Proviral DNA and RNA of feline leukemia virus
5424	RealBest-Vet DNA FIV	96	Proviral DNA of feline immunodeficiency virus
5425	RealBest-Vet DNA FeLV/FIV	96	Proviral DNA of feline leukemia virus and feline immunodeficiency virus
<b>MYCOPLASMA</b>			
5426	RealBest-Vet DNA <i>Mycoplasma felis</i>	96	<i>Mycoplasma felis</i> DNA
5823	RealBest-Vet DNA <i>Mycoplasma haemofelis</i>	96	<i>Mycoplasma haemofelis</i> DNA
5824	RealBest-Vet DNA <i>Candidatus Mycoplasma haemominutum</i>	96	<i>Candidatus Mycoplasma haemominutum</i> DNA
5825	RealBest-Vet DNA <i>Candidatus Mycoplasma turicensis</i>	96	<i>Candidatus Mycoplasma turicensis</i> DNA
5862	RealBest-Vet Calibration Sample Hemotropic Mycoplasmas	1 ml	Calibration sample for the quantification of <i>Mycoplasma haemofelis</i> , <i>Candidatus Mycoplasma haemominutum</i> , and <i>Candidatus Mycoplasma turicensis</i> DNA (for use with 5823, 5824, 5825)
5472	RealBest-Vet DNA Hemotropic Mycoplasmas	96	Differential detection of <i>Candidatus Mycoplasma haemominutum</i> , <i>Candidatus Mycoplasma turicensis</i> , and <i>Mycoplasma haemofelis</i> DNA



## Canine infectious diseases

Cat. Nº	Kit Name	Number of tests	Comments
<b>ANAPLASMA</b>			
5469	RealBest-Vet DNA <i>Anaplasma platys</i> / <i>Anaplasma phagocytophilum</i>	96	Differential detection of <i>Anaplasma platys</i> and <i>Anaplasma phagocytophilum</i> DNA
<b>ADENOVIRUS</b>			
5402	RealBest-Vet DNA CA <sub>d</sub> V-1	96	Canine adenovirus type 1 DNA
5421	RealBest-Vet DNA CA <sub>d</sub> V-2	96	Canine adenovirus type 2 DNA

## Canine infectious diseases

Cat. Nº	Kit Name	Number of tests	Comments
<b>BABESIA</b>			
5405	RealBest-Vet DNA Babesia gibsoni	96	<i>Babesia gibsoni</i> DNA
5882	RealBest-Vet DNA Babesia canis	96	<i>Babesia canis</i> DNA
<b>CANINE DISTEMPER VIRUS</b>			
5401	RealBest-Vet RNA CDV	96	Canine distemper virus RNA
<b>EHRlichia</b>			
5410	RealBest-Vet DNA Ehrlichia canis	96	<i>Ehrlichia canis</i> DNA
<b>HEPATOZOON</b>			
5411	RealBest-Vet DNA Hepatozoon canis	48	<i>Hepatozoon canis</i> DNA
<b>HERPESVIRUS</b>			
5400	RealBest-Vet DNA CHV-1	96	Canine herpesvirus type 1 DNA
<b>MYCOPLASMA</b>			
5403	RealBest-Vet DNA Mycoplasma canis	48	<i>Mycoplasma canis</i> DNA
5412	RealBest-Vet DNA Mycoplasma cynos	96	<i>Mycoplasma cynos</i> DNA
5408	RealBest-Vet DNA Mycoplasma canis/ Mycoplasma cynos	96	Differential detection of <i>Mycoplasma canis</i> and <i>Mycoplasma cynos</i> DNA
5409	RealBest-Vet DNA Mycoplasma haemocanis	48	<i>Mycoplasma haemocanis</i> DNA
<b>PARAINFLUENZA</b>			
5404	RealBest-Vet RNA CPiV	96	Canine parainfluenza virus RNA
<b>PARVOVIRUS</b>			
5413	RealBest-Vet DNA CPV-1	96	Canine parvovirus type 1 ( <i>Canine minute virus</i> ) DNA



## Bovine infectious diseases

Cat. Nº	Kit Name	Number of tests	Comments
<b>ANAPLASMA</b>			
5459	RealBest-Vet DNA Anaplasma marginale	96	<i>Anaplasma marginale</i> DNA
5448	RealBest-Vet DNA Anaplasma marginale/ Anaplasma phagocytophilum	96	Differential detection of <i>Anaplasma marginale</i> and <i>Anaplasma phagocytophilum</i> DNA
5416	RealBest-Vet DNA Anaplasma marginale/ Anaplasma phagocytophilum/ Coxiella burnetii	96	Differential detection of <i>Anaplasma marginale</i> , <i>Anaplasma phagocytophilum</i> , and <i>Coxiella burnetii</i> DNA
<b>BOVINE VIRAL DIARRHEA VIRUS</b>			
5810	RealBest-Vet RNA BVDV	96	Bovine viral diarrhea virus RNA
<b>BOVINE LEUKEMIA VIRUS</b>			
5441	RealBest-Vet DNA BLV	96	Bovine leukemia virus proviral DNA
<b>BLUETONGUE VIRUS</b>			
5820	RealBest-Vet RNA BTV	96	Bluetongue virus RNA

## Bovine infectious diseases

Cat. Nº	Kit Name	Number of tests	Comments
<b>BOVINE RESPIRATORY SYNCYTIAL VIRUS</b>			
5880	RealBest-Vet RNA BRSV	96	Bovine respiratory syncytial virus RNA
<b>BOVINE CORONAVIRUS</b>			
5414	RealBest-Vet RNA BCoV	96	Bovine coronavirus RNA
<b>COXIELLA BURNETII (Q FEVER)</b>			
5806	RealBest-Vet DNA <i>Coxiella burnetii</i>	96	<i>Coxiella burnetii</i> DNA
<b>CAMPYLOBACTER</b>			
5856	RealBest-Vet DNA <i>Campylobacter fetus</i>	96	<i>Campylobacter fetus</i> DNA
5811	RealBest-Vet DNA thermophilic campylobacter/ <i>Campylobacter fetus</i>	96	Differential detection of thermophilic campylobacter and <i>Campylobacter fetus</i> DNA
<b>CAPRINE ARTHRITIS ENCEPHALITIS VIRUS</b>			
5432	RealBest-Vet DNA CAEV	96	Proviral DNA of caprine arthritis encephalitis virus
<b>CHLAMYDIA</b>			
5816	RealBest-Vet DNA <i>Chlamydia pecorum</i>	96	<i>Chlamydia pecorum</i> DNA
<b>HERPESVIRUS</b>			
5442	RealBest-Vet DNA BHV-1	96	Bovine herpesvirus type 1 DNA
5418	RealBest-Vet DNA BHV-4	96	Bovine gammaherpesvirus type 4 DNA
5827	RealBest-Vet DNA BHV-1/BHV-4	96	Differential detection of bovine herpesvirus type 1 and type 4 DNA
<b>LUMPY SKIN DISEASE VIRUS</b>			
5826	RealBest-Vet DNA LSDV (DIVA)	96	Differential detection of field and vaccine strains of lumpy skin disease virus DNA
<b>MYCOPLASMA</b>			
5855	RealBest-Vet DNA <i>Mycoplasma bovis</i>	96	<i>Mycoplasma bovis</i> DNA
5443	RealBest-Vet DNA <i>Mycoplasma bovis</i> / <i>Mycoplasma bovigenitalium</i>	96	Differential detection of <i>Mycoplasma bovis</i> and <i>Mycoplasma bovigenitalium</i> DNA
<b>MORAXELLA</b>			
5874	RealBest-Vet DNA <i>Moraxella bovis</i>	96	<i>Moraxella bovis</i> DNA
<b>NEOSPORA</b>			
5879	RealBest-Vet DNA <i>Neospora caninum</i>	96	<i>Neospora caninum</i> DNA
<b>PARAINFLUENZA VIRUS</b>			
5813	RealBest-Vet RNA BPIV-3	96	Bovine parainfluenza virus RNA type 3
<b>RESPIRATORY PATHOGENS</b>			
5852	RealBest-Vet DNA <i>Histophilus somni</i>	96	<i>Histophilus somni</i> DNA
5873	RealBest-Vet DNA <i>Histophilus somni</i> / <i>Pasteurella multocida</i> / <i>Mannheimia haemolytica</i>	96	Differential detection of <i>Histophilus somni</i> , <i>Pasteurella multocida</i> , and <i>Mannheimia haemolytica</i> DNA

## Bovine infectious diseases

Cat. Nº	Kit Name	Number of tests	Comments
<b>RESPIRATORY PATHOGENS</b>			
5417	RealBest-Vet DNA <i>Histophilus somni</i> / <i>Mycoplasma bovis</i>	96	Differential detection of <i>Histophilus somni</i> and <i>Mycoplasma bovis</i> DNA
5457	RealBest-Vet DNA <i>Pasteurella multocida</i> / <i>Mannheimia haemolytica</i>	96	Differential detection of <i>Pasteurella multocida</i> and <i>Mannheimia haemolytica</i> DNA
<b>STREPTOCOCCUS</b>			
5807	RealBest-Vet DNA <i>Streptococcus uberis</i> / <i>Streptococcus agalactiae</i>	96	Differential detection of <i>Streptococcus uberis</i> and <i>Streptococcus agalactiae</i>
<b>STAPHYLOCOCCUS</b>			
5812	RealBest-Vet DNA <i>Staphylococcus aureus</i> / methicillin resistance gene ( <i>mecA</i> )	96	Differential detection of <i>Staphylococcus aureus</i> DNA and MRSA



## Porcines infectious diseases

Cat. Nº	Kit Name	Number of tests	Comments
<b>AFRICAN SWINE FEVER VIRUS (ASFV)</b>			
5809	RealBest-Vet DNA ASFV	96	African swine fever virus DNA
5819	RealBest-Vet DNA ASFV/HMBS	96	African swine fever virus DNA and an endogenous control (the <i>HMBS</i> gene)
<b>ACTINOBACILLUS PLEUROPNEUMONIAE (APP)</b>			
5858	RealBest-Vet DNA <i>Actinobacillus pleuropneumoniae</i>	96	<i>Actinobacillus pleuropneumoniae</i> DNA
<b>CLASSICAL SWINE FEVER VIRUS</b>			
5833	RealBest-Vet RNA CSF	96	Classical swine fever virus RNA
<b>CHLAMYDIA</b>			
5439	RealBest-Vet DNA <i>Chlamydia suis</i>	96	<i>Chlamydia suis</i> DNA
5444	RealBest-Vet DNA <i>Chlamydia suis</i> / <i>Chlamydia pecorum</i>	96	Differential detection of <i>Chlamydia suis</i> and <i>Chlamydia pecorum</i> DNA
<b>ERYSIPELOTHRIX RHUSIOPATHIAE</b>			
5853	RealBest-Vet DNA <i>Erysipelothrix rhusiopathiae</i>	96	<i>Erysipelothrix rhusiopathiae</i> DNA
<b>HAEMOPHILUS PARASUIS</b>			
5455	RealBest-Vet DNA <i>Haemophilus parasuis</i> / VtaA group 1/VtaA group 2	96	<i>Haemophilus parasuis</i> DNA with differentiation of VtaA virulence factor genes of groups 1 and 2
5868	RealBest-Vet DNA <i>Haemophilus parasuis</i> / <i>Streptococcus suis</i> / <i>Mycoplasma hyorhinis</i>	96	Differential detection of <i>Haemophilus parasuis</i> , <i>Streptococcus suis</i> and <i>Mycoplasma hyorhinis</i> DNA
<b>INFLUENZA A VIRUS</b>			
5830	RealBest-Vet RNA Influenza A H1	96	Influenza A virus subtype H1 RNA
<b>LAWSONIA INTRACELLULARIS</b>			
5801	RealBest-Vet DNA <i>Lawsonia intracellularis</i>	96	<i>Lawsonia intracellularis</i> DNA

## Porcines infectious diseases

Cat. Nº	Kit Name	Number of tests	Comments
<b>MYCOPLASMA</b>			
5495	RealBest-Vet DNA <i>Mycoplasma suis</i>	96	<i>Mycoplasma suis</i> DNA
5446	RealBest-Vet DNA <i>Mycoplasma hyosynoviae</i> / <i>Mycoplasma hyorhinis</i> / <i>Mycoplasma hyopneumoniae</i>	96	Differential detection of <i>Mycoplasma hyosynoviae</i> , <i>Mycoplasma hyorhinis</i> , and <i>Mycoplasma hyopneumoniae</i> DNA
5859	RealBest-Vet DNA <i>Candidatus Mycoplasma haemosuis</i> / <i>Mycoplasma suis</i>	96	Differential detection of <i>Candidatus Mycoplasma haemosuis</i> and <i>Mycoplasma suis</i> DNA
5866	RealBest-Vet DNA <i>Mycoplasma hyosynoviae</i> / <i>Erysipelothrix rhusiopathiae</i> / <i>Actinobacillus pleuropneumoniae</i>	96	Differential detection of <i>Mycoplasma hyosynoviae</i> , <i>Erysipelothrix rhusiopathiae</i> and <i>Actinobacillus pleuropneumoniae</i> DNA
<b>PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS</b>			
5828	RealBest-Vet RNA PRRSV	96	Differential detection of porcine reproductive and respiratory syndrome virus types 1 and 2 RNA
<b>PARVOVIRUS</b>			
5445	RealBest-Vet DNA PPV	96	Porcine parvovirus DNA
<b>PORCINE CIRCOVIRUS</b>			
5493	RealBest-Vet DNA PCV-2	96	Porcine circovirus-2 DNA
5857	RealBest-Vet DNA PCV-2/PCV-3	96	Differential detection of porcine circovirus type 2 and type 3 DNA
5860	RealBest-Vet DNA PCV-3/ <i>Erysipelothrix rhusiopathiae</i> / <i>Lawsonia intracellularis</i>	96	Differential detection of porcine circovirus type 3, <i>Erysipelothrix rhusiopathiae</i> , and <i>Lawsonia intracellularis</i> DNA
<b>SUID HERPESVIRUS (AUJESZKY'S DISEASE)</b>			
5829	RealBest-Vet DNA SuHV-1 (Aujeszky's disease) (DIVA)	96	Differential detection of field and vaccine strains of suid herpesvirus type 1 DNA
<b>STREPTOCOCCUS</b>			
5497	RealBest-Vet DNA <i>Streptococcus suis</i>	96	<i>Streptococcus suis</i> DNA
5804	RealBest-Vet DNA <i>Streptococcus suis</i> / serotype 2	96	<i>Streptococcus suis</i> DNA with differentiation of virulence factor gene of serotype 2
<b>TRANSMISSIBLE GASTROENTERITIS VIRUS</b>			
5832	RealBest-Vet RNA TGEV	96	Transmissible gastroenteritis virus RNA



## Poultry infectious diseases

Cat. Nº	Kit Name	Number of tests	Comments
<b>ADENOVIRUS</b>			
5451	RealBest-Vet DNA FAdV	96	Fowl adenovirus DNA
5844	RealBest-Vet DNA FAdV genotype	96	Differential detection of serotypes 1, 3, (2, 9, 11), 4, 5, 6, 7, 8a, 8b, 10 of fowl adenovirus DNA
<b>BORDETELLA</b>			
5875	RealBest-Vet DNA <i>Bordetella avium</i> , <i>Bordetella hinzii</i>	96	<i>Bordetella avium</i> and <i>Bordetella hinzii</i> DNA

## Poultry infectious diseases

Cat. N°	Kit Name	Number of tests	Comments
<b>BURSAL DISEASE VIRUS</b>			
5815	RealBest-Vet RNA IBDV	96	Infectious bursal disease virus RNA
<b>CHLAMYDOPHILA</b>			
5485	RealBest-Vet DNA Chlamydomphila psittaci	48	<i>Chlamydomphila psittaci</i> DNA
<b>CHICKEN ANEMIA VIRUS</b>			
5498	RealBest-Vet DNA CAV	96	Chicken anemia virus DNA
<b>ENCEPHALOMYELITIS VIRUS</b>			
5814	RealBest-Vet RNA AEV	96	Avian encephalomyelitis virus RNA
<b>EGG DROP SYNDROME VIRUS</b>			
5878	RealBest-Vet DNA EDSV	96	Egg drop syndrome virus-76 DNA
<b>GOOSE PARVOVIRUS AND MUSCOVY DUCK PARVOVIRUS</b>			
5849	RealBest-Vet DNA GPV, MDPV	96	Goose parvovirus and Muscovy duck parvovirus DNA
<b>HERPESVIRUS</b>			
5491	RealBest-Vet DNA GaHV-1	96	Gallid alphaherpesvirus 1 DNA
<b>INFLUENZA A VIRUS</b>			
5838	RealBest-Vet RNA Influenza A	96	Influenza A virus RNA
5839	RealBest-Vet RNA Influenza A H5	96	Influenza A virus subtype H5 RNA
5840	RealBest-Vet RNA Influenza A H7	96	Influenza A virus subtype H7 RNA
5841	RealBest-Vet RNA Influenza A H9	96	Influenza A virus subtype H9 RNA
5842	RealBest-Vet RNA Influenza A/ Influenza A H5	96	Differential detection of influenza A virus RNA and its H5 subtype
<b>INFECTIOUS BRONCHITIS VIRUS</b>			
5458	RealBest-Vet RNA IBV	96	Infectious bronchitis virus RNA
5808	RealBest-Vet RNA IBV 793B	96	Infectious bronchitis virus RNA 793B (4/91) variant
5835	RealBest-Vet RNA IBV Mass	96	Infectious bronchitis virus RNA, Massachusetts variant
5836	RealBest-Vet RNA IBV QX	96	Infectious bronchitis virus RNA, QX variant
5837	RealBest-Vet RNA IBV D274	96	Infectious bronchitis virus RNA, D274 variant
<b>MAREK'S DISEASE VIRUS</b>			
5433	RealBest-Vet DNA MDV	96	Marek's disease virus DNA
5834	RealBest-Vet DNA MDV/Rispens (DIVA)	96	Differential detection of field and vaccine strains of Marek's disease virus DNA and Rispens vaccine strain
<b>METAPNEUMOVIRUS</b>			
5447	RealBest-Vet RNA aMPV types A/B	96	Differential detection of avian metapneumovirus types A and B RNA

## Poultry infectious diseases

Cat. Nº	Kit Name	Number of tests	Comments
<b>MYCOPLASMA</b>			
5437	RealBest-Vet DNA <i>Mycoplasma synoviae</i> / <i>Mycoplasma gallisepticum</i>	96	Differential detection of <i>Mycoplasma synoviae</i> and <i>Mycoplasma gallisepticum</i> DNA
5850	RealBest-Vet DNA <i>Mycoplasma synoviae</i> / <i>Mycoplasma gallisepticum</i> / <i>Mycoplasma meleagridis</i>	96	Differential detection of <i>Mycoplasma synoviae</i> , <i>Mycoplasma gallisepticum</i> , and <i>Mycoplasma meleagridis</i> DNA
<b>NEWCASTLE DISEASE VIRUS</b>			
5805	RealBest-Vet RNA NDV genotype (DIVA)	96	Differential detection of Newcastle disease virus RNA and the virulent genotype
<b>ORNITHOBACTERIUM RHINOTRACHEALE AND AVIBACTERIUM PARAGALLINARUM</b>			
5434	RealBest-Vet DNA <i>Ornithobacterium rhinotracheale</i> / <i>Avibacterium paragallinarum</i>	96	Differential detection of <i>Ornithobacterium rhinotracheale</i> and <i>Avibacterium paragallinarum</i> DNA
<b>PASTEURELLA</b>			
5438	RealBest-Vet DNA <i>Pasteurella multocida</i> / <i>Gallibacterium anatis</i>	96	Differential detection of <i>Pasteurella multocida</i> and <i>Gallibacterium anatis</i> DNA
<b>REOVIRUS</b>			
5803	RealBest-Vet RNA ARV	96	Avian reovirus RNA
<b>RETICULOENDOTHELIOSIS VIRUS</b>			
5449	RealBest-Vet DNA REV	96	Proviral DNA of reticuloendotheliosis virus
5450	RealBest-Vet DNA REV/FWPV	96	Differential detection of reticuloendotheliosis virus proviral DNA and fowlpox virus DNA



## Infectious diseases affecting different animal species

Cat. Nº	Kit Name	Number of tests	Comments
<b>ANAPLASMA</b>			
5460	RealBest-Vet DNA <i>Anaplasma</i> spp., <i>Ehrlichia</i> spp.	96	<i>Anaplasma</i> spp. and <i>Ehrlichia</i> spp. DNA
<b>BABESIA</b>			
5461	RealBest-Vet DNA <i>Babesia</i> spp.	96	<i>Babesia</i> spp. DNA
<b>BRUCELLA</b>			
5470	RealBest-Vet DNA <i>Brucella</i> spp.	96	<i>Brucella</i> spp. DNA
<b>BORRELIA BURGENDORFERI S.L.</b>			
5463	RealBest-Vet DNA <i>Borrelia burgdorferi</i> s.l.	96	<i>Borrelia burgdorferi sensu lato</i> complex DNA
<b>BORDETELLA</b>			
5475	RealBest-Vet DNA <i>Bordetella bronchiseptica</i>	96	<i>Bordetella bronchiseptica</i> DNA

## Infectious diseases affecting different animal species

Cat. Nº	Kit Name	Number of tests	Comments
<b>BARTONELLA</b>			
5476	RealBest-Vet DNA Bartonella spp.	96	<i>Bartonella</i> spp. DNA
<b>BRACHYSPIRA</b>			
5881	RealBest-Vet DNA Brachyspira spp.	96	<i>Brachyspira</i> spp. DNA
<b>CLOSTRIDIUM</b>			
5870	RealBest-Vet DNA Clostridium difficile/Clostridium perfringens/ C. perfringens enterotoxin	96	Differential detection of <i>Clostridium difficile</i> and <i>Clostridium perfringens</i> DNA and the <i>cpe</i> gene of <i>Clostridium perfringens</i>
5436	RealBest-Vet DNA Clostridium perfringens enterotoxin	96	<i>Clostridium perfringens</i> enterotoxin DNA (the <i>cpe</i> gene)
5483	RealBest-Vet DNA Clostridium difficile/Clostridium perfringens	48	Differential detection of <i>Clostridium difficile</i> and <i>Clostridium perfringens</i> DNA
5484	RealBest-Vet DNA Clostridium difficile tcdA/tcdB/CDT	48	<i>Clostridium difficile</i> genes encoding toxin A, toxin B, and binary toxin CDT
5821	RealBest-Vet DNA Clostridium perfringens CPA/CPB	96	Differential detection of <i>Clostridium perfringens</i> genes encoding toxin alpha (CPA) and toxin beta (CPB)
5822	RealBest-Vet DNA Clostridium perfringens ETX/ITX	96	Differential detection of <i>Clostridium perfringens</i> genes encoding toxin epsilon (CPE) and toxin iota (CPI)
5848	RealBest-Vet DNA Clostridium perfringens Clpb2/NetB	96	Differential detection of <i>Clostridium perfringens</i> genes encoding Clpb2 and NetB toxins
<b>CHLAMYDIA</b>			
5465	RealBest-Vet DNA Chlamydia spp.	96	<i>Chlamydia</i> and <i>Chlamydophila</i> bacterials DNA
5479	RealBest-Vet DNA Chlamydia spp./Mycoplasma spp., Ureaplasma spp.	96	<i>Chlamydia</i> spp. DNA with differentiation of <i>Mycoplasma</i> spp., <i>Ureaplasma</i> spp. DNA
<b>CORONAVIRUS</b>			
5468	RealBest-Vet RNA CCoV, FCoV	96	Canine coronavirus and feline coronavirus RNA
<b>CRIMEAN-CONGO HEMORRHAGIC FEVER</b>			
5851	RealBest-Vet RNA CCHFV	96	Crimean-Congo hemorrhagic fever virus RNA
<b>CAMPYLOBACTER</b>			
5482	RealBest-Vet DNA Campylobacter spp.	96	<i>Campylobacter</i> spp. DNA
<b>CRYPTOSPORIDIUM</b>			
5486	RealBest-Vet DNA Cryptosporidium spp.	96	<i>Cryptosporidium</i> spp. DNA
<b>DIROFILARIA</b>			
5406	RealBest-Vet DNA Dirofilaria immitis/Dirofilaria repens	96	Differential detection of <i>Dirofilaria immitis</i> and <i>Dirofilaria repens</i> DNA


## Infectious diseases affecting different animal species

Cat. Nº	Kit Name	Number of tests	Comments
<b>FRANCISELLA TULARENSIS</b>			
5885	RealBest-Vet DNA Francisella tularensis	96	<i>Francisella tularensis</i> DNA
<b>GIARDIA</b>			
5489	RealBest-Vet DNA Giardia spp.	96	<i>Giardia</i> spp. DNA
5871	RealBest-Vet DNA Giardia spp./ Cryptosporidium spp.	96	Differential detection of <i>Giardia</i> spp. and <i>Cryptosporidium</i> spp. DNA
<b>LISTERIA</b>			
5487	RealBest-Vet DNA Listeria monocytogenes	96	<i>Listeria monocytogenes</i> DNA
5847	RealBest-Vet DNA Listeria monocytogenes/ Listeria ivanovii	96	Differential detection of <i>Listeria monocytogenes</i> and <i>Listeria ivanovii</i> DNA
<b>LEPTOSPIRA</b>			
5802	RealBest-Vet DNA Pathogenic Leptospira	48	Pathogenic <i>Leptospira</i> DNA
<b>LEISHMANIA</b>			
5478	RealBest-Vet DNA Leishmania spp.	48	<i>Leishmania</i> spp. DNA
<b>MYCOBACTERIUM</b>			
5419	RealBest-Vet DNA Mycobacterium tuberculosis complex	96	<i>Mycobacterium tuberculosis</i> complex DNA
5490	RealBest-Vet DNA Mycobacterium spp.	96	<i>Mycobacterium</i> spp. DNA
<b>MYCOPLASMA</b>			
5466	RealBest-Vet DNA Mycoplasma spp., Ureaplasma spp.	96	<i>Mycoplasma</i> spp. and <i>Ureaplasma</i> spp. DNA
<b>MICROSPORUM</b>			
5477	RealBest-Vet DNA Microsporium	96	<i>Microsporium canis</i> , <i>Microsporium ferrugineum</i> , and <i>Microsporium audouinii</i> DNA
<b>PARVOVIRUS</b>			
5467	RealBest-Vet DNA CPV, FPV	96	Canine parvovirus and feline panleukopenia virus DNA
5492	RealBest-Vet DNA CPV, FPV/HMBS	96	Canine parvovirus, feline panleukopenia virus DNA and an endogenous control (the HMBS gene)
<b>PASTEURELLA</b>			
5854	RealBest-Vet DNA Pasteurella multocida	96	<i>Pasteurella multocida</i> DNA
<b>ROTAVIRUS</b>			
5456	RealBest-Vet RNA Rotavirus C	96	Rotavirus C RNA
5488	RealBest-Vet RNA Rotavirus A	96	Rotavirus A RNA

## Infectious diseases affecting different animal species

Cat. Nº	Kit Name	Number of tests	Comments
<b>SALMONELLA</b>			
5474	RealBest-Vet DNA Salmonella spp.	96	<i>Salmonella</i> spp. DNA
5480	RealBest-Vet DNA Salmonella spp./ S. typhimurium/ S. enteritidis	96	Differential detection of <i>Salmonella</i> spp., <i>Salmonella typhimurium</i> and <i>Salmonella enteritidis</i> DNA
5415	RealBest-Vet DNA Salmonella spp./ <i>Listeria monocytogenes</i> / <i>Chlamydomphila</i> spp.	96	Differential detection of <i>Salmonella</i> spp., <i>Listeria monocytogenes</i> , and <i>Chlamydomphila</i> spp. DNA
<b>TRITRICHOMONAS</b>			
5427	RealBest-Vet DNA <i>Tritrichomonas foetus</i>	96	<i>Tritrichomonas foetus</i> DNA
<b>TOXOPLASMA</b>			
5462	RealBest-Vet DNA <i>Toxoplasma gondii</i>	96	<i>Toxoplasma gondii</i> DNA
<b>UREAPLASMA</b>			
5863	RealBest-Vet DNA <i>Ureaplasma</i> spp.	96	<i>Ureaplasma</i> spp. DNA
<b>WEST NILE VIRUS</b>			
5817	RealBest-Vet RNA WNV	96	West Nile virus RNA
<b>YERSINIA ENTEROCOLITICA</b>			
5435	RealBest-Vet DNA <i>Yersinia enterocolitica</i>	96	<i>Yersinia enterocolitica</i> DNA

## ELISA diagnostic kits

 <b>Animal infectious diseases</b>			
Cat. Nº	Kit Name	Number of tests	Comments
0809	EIA BEST-Vet T4 total	24×8	Quantification of total thyroxine
0808	EIA BEST-Vet Ab-BPIV-3	24×8	Detection of antibodies to bovine parainfluenza virus type 3
0807	EIA BEST-Vet Ab-IBV	24×8	Detection of antibodies to causative agent of infectious bronchitis of chickens
0805	EIA BEST-Vet Ab-CSF	24×8	Detection of antibodies to causative agent of classic swine fever
0803	EIA BEST-Vet Ab-BHV-1	24×8	Detection of antibodies to Bovine herpesvirus 1
0801	EIA BEST-Vet Ab-BVDV	24×8	Detection of antibodies to Bovine viral diarrhea virus
1710	Toxo-antibodies-EIA-Zoo-BEST	12×8	Detection of total antibodies to <i>Toxoplasma gondii</i>
3601	SARS-CoV-2-AB total-EIA-BEST-Vet	12×8	Detection of total antibodies to SARS-CoV-2

**AO Vector-Best**

📍 PO box 492, Novosibirsk, 630117, Russia

☎ +7 383 25-25-163

✉ [vbmarket@vector-best.ru](mailto:vbmarket@vector-best.ru)

[www.vector-best.com](http://www.vector-best.com)

Signed to print on 12.12.2023.  
Circulation 120 copies.