

Real-Time PCR

Diagnostic kits

Animal infectious diseases









Laboratory diagnosis of animal infectious diseases by Real-Time PCR

- Quick and reliable pathogen detection
- High-throughput capacity
- High sensitivity and specificity
- Acute, chronic, and latent infection diagnostics
- Safe and easy-to-use method



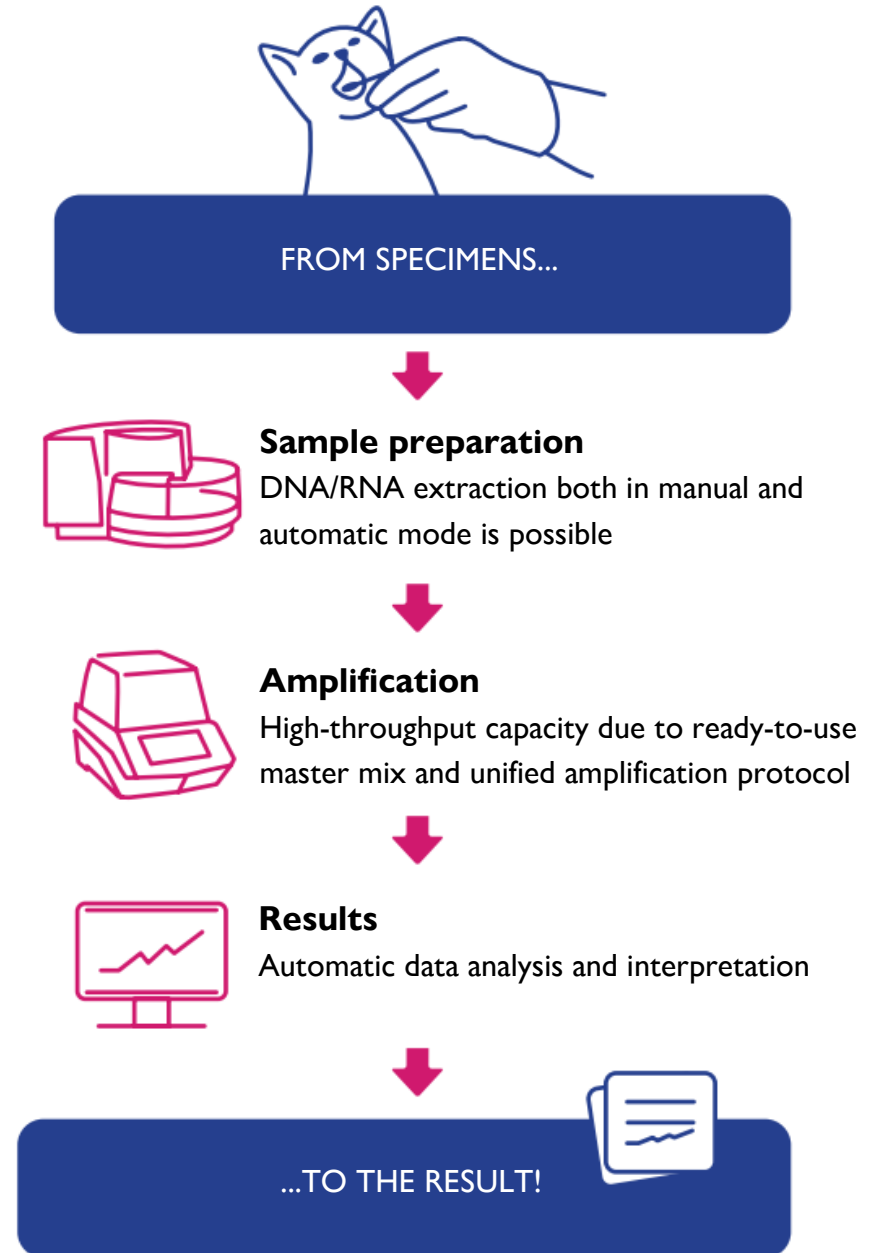
RealBest-Vet PCR kits features

- | | |
|---|---|
|  WORK WITH WIDE RANGE OF SPECIMEN TYPES |  UNIFIED PCR AND RT-PCR PROTOCOLS FOR ALL INFECTIONS |
|  LYOPHILIZED READY-TO-USE MASTER MIX |  CONVENIENCE OF STORAGE AND TRANSPORTATION |
|  AUTOMATION OF PCR ANALYSIS |  DECREASED RISK OF CONTAMINATION |





Detection of more than 40 viral and bacterial pathogens

- Zoonotic infections
- Eye infections
- Respiratory infections
- Gastrointestinal infections
- Skin and mucosal infections



“RealBest” Technology: complete solution for Real-Time PCR diagnostics




Kits for DNA/RNA extraction

	Cat.No	Kit name No. of tests	Specimen types
 For KingFisher Flex system	5453	RealBest-Vet Alpha Kit for DNA extraction 96 tests	Whole blood
 For KingFisher Flex system	5454	RealBest-Vet Beta Kit for DNA and RNA extraction 96 tests	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
	5876	RealBest-Vet Gamma Kit for DNA and RNA extraction 48 tests	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
	8899	RealBest DNA-express Kit for DNA extraction 100 tests	Epithelial cells specimens, sperm, saliva, urine

Solutions and components

	Cat.No	Kit name No. of tests	Specimen types
	5452	RealBest-Vet Inactivating solution 100 tests	Reagent for inactivation and storage of homogenised samples of animal organs and tissues
	5899	Specimen collection cards 25 tests	Collection, storage and transport of whole blood specimens, epithelial cells, washings, biopsy and autopsy material of organs and tissues

Kits for quantification of canine and feline DNA in clinical specimens

	Cat.No	Kit name No. of tests	Specimen types
	5473	RealBest-Vet Sample Validation 48 tests	Epithelial cells samples



PCR is a direct method of diagnostics; therefore, it is important to collect the specimens from the supposed localization of a pathogen in order to obtain reliable results.

A positive result of PCR analysis in the absence of clinical signs of infection may be observed in the case of an asymptomatic bacterial or virus infection. The analysis should be performed 2–3 weeks after therapy or vaccination to exclude false-positive results.

PCR diagnostics of feline infectious diseases

Cat. №	Kit name	Number of tests
Feline immunodeficiency virus/Feline Leukemia Virus		
5423	RealBest-Vet DNA FeLV	96
5424	RealBest-Vet DNA FIV	96
5425	RealBest-Vet DNA FeLV/FIV	96
5428	RealBest-Vet DNA/RNA FeLV	96
Feline calicivirus		
5422	RealBest-Vet RNA FCV	96
5431	RealBest-Vet RNA FCV/HMBS	96
Mycoplasmosis (quantitative detection)		
5426	RealBest-Vet DNA Mycoplasma felis	96
5472	RealBest-Vet DNA Hemotropic Mycoplasmas	96
5823	RealBest-Vet DNA Mycoplasma haemofelis	96
5824	RealBest-Vet DNA Candidatus Mycoplasma haemominutum	96
5825	RealBest-Vet DNA Candidatus Mycoplasma turicensis	96
5862	RealBest-Vet Calibration Sample Hemotropic Mycoplasmas	1 ml
Feline viral rhinotracheitis		
5420	RealBest-Vet DNA FHV-1	96
5430	RealBest-Vet DNA FHV-1/GAPDH	96
Chlamydia infection		
5429	RealBest-Vet DNA Chlamydomphila felis	96

The kits contain reagents for real-time PCR/RT-PCR

PCR diagnostics of canine infectious diseases



Cat.No	Kit name	Number of tests
Adenoviruses		
5402	RealBest-Vet DNA CA Δ V-1	96
5421	RealBest-Vet DNA CA Δ V-2	96
Anaplasmosis		
5469	RealBest-Vet DNA Anaplasma platys/Anaplasma phagocytophilum	96
Babesiosis (piroplasmosis)		
5405	RealBest-Vet DNA Babesia gibsoni	96
Herpesvirus		
5400	RealBest-Vet DNA CHV-1	96
Mycoplasmosis		
5403	RealBest-Vet DNA Mycoplasma canis	48
5408	RealBest-Vet DNA Mycoplasma canis/Mycoplasma cynos	96
5409	RealBest-Vet DNA Mycoplasma haemocanis	48
5412	RealBest-Vet DNA Mycoplasma cynos	96
Parvovirus		
5413	RealBest-Vet DNA CPV-1	96
Canine distemper virus		
5401	RealBest-Vet RNA CDV	96
Ehrlichiosis		
5410	RealBest-Vet DNA Ehrlichia canis	96
Hepatozoonosis		
5411	RealBest-Vet DNA Hepatozoon canis	48
Canine Parainfluenza Virus		
5404	RealBest-Vet RNA CPiV	96

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PCR diagnostics of animal infectious diseases

Cat.No	Kit name	No. of tests
Anaplasmosis		
5460	RealBest-Vet DNA Anaplasma spp., Ehrlichia spp.	96
Bartonellosis		
5476	RealBest-Vet DNA Bartonella spp.	96
Borreliosis (Lyme disease)		
5463	RealBest-Vet DNA Borrelia burgdorferi sensu lato	96
Bordetellosis		
5475	RealBest-Vet DNA Bordetella bronchiseptica	96
Babesiosis (piroplasmosis)		
5461	RealBest-Vet DNA Babesia spp.	96
Brucellosis		
5470	RealBest-Vet DNA Brucella spp.	96
Dirofilariasis		
5406	RealBest-Vet DNA Dirofilaria immitis/Dirofilaria repens	96
Dermatophytosis		
5477	RealBest-Vet DNA Microsporum	96
Yersiniosis		
5435	RealBest-Vet DNA Yersinia enterocolitica	96
Coronavirus		
5468	RealBest-Vet RNA CCoV, FCoV	96
Clostridium		
5436	RealBest-Vet DNA Clostridium perfringens enterotoxin	96
5483	RealBest-Vet DNA Clostridium difficile/Clostridium perfringens	96
5484	RealBest-Vet DNA Clostridium difficile tcdA/tcdB/CDT	96
5821	RealBest-Vet DNA Clostridium perfringens CPA/CPB	96
5822	RealBest-Vet DNA Clostridium perfringens ETX/ITX	96
5848	RealBest-Vet DNA Clostridium perfringens ClpB/NetB	96
5870	RealBest-Vet DNA Clostridium difficile/Clostridium perfringens/C. perfringens enterotoxin	96
Campylobacteriosis		
5482	RealBest-Vet DNA Campylobacter spp.	96
Cryptosporidiosis		
5486	RealBest-Vet DNA Cryptosporidium spp.	48
Leishmaniasis		
5478	RealBest-Vet DNA Leishmania spp.	48

Cat.№	Kit name	No. of tests
Giardiasis		
5489	RealBest-Vet DNA Giardia spp.	96
Listeriosis		
5487	RealBest-Vet DNA Listeria monocytogenes	96
5847	RealBest-Vet DNA Listeria monocytogenes/Listeria ivanovii	96
Leptospirosis		
5802	RealBest-Vet DNA Pathogenic Leptospira	96
Mycoplasmosis		
5466	RealBest-Vet DNA Mycoplasma spp., Ureaplasma spp.	96
Mycobacteriosis		
5490	RealBest-Vet DNA Mycobacterium spp.	96
5419	RealBest-Vet DNA Mycobacterium tuberculosis complex	96
Canine parvovirus and panleukopenia		
5467	RealBest-Vet DNA CPV, FPV	96
5492	RealBest-Vet CPV, FPV/HMBS	96
Rotavirus		
5456	RealBest-Vet RNA Rotavirus C	96
5488	RealBest-Vet RNA Rotavirus A	96
Salmonellosis		
5474	RealBest-Vet DNA Salmonella spp.	96
5480	RealBest-Vet DNA Salmonella spp./S.typhimurium, S. enteridis	96
5415	RealBest-Vet DNA Salmonella spp./Listeria monocytogenes/Chlamydia spp.	96
Tritrichomoniasis		
5427	RealBest-Vet DNA Tritrichomonas foetus	96
Toxoplasmosis		
5462	RealBest-Vet DNA Toxoplasma gondii	96
Chlamydia infection		
5465	RealBest-Vet DNA Chlamydia spp.	96
5479	RealBest-Vet DNA Chlamydia spp./Mycoplasma spp., Ureaplasma spp.	96
Ureaplasmosis		
5863	RealBest-Vet DNA Ureaplasma spp.	96
Pasteurellosis		
5854	RealBest-Vet DNA Pasteurella multocida	96

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