



IVET KADIECHECK™

RT-PCR SYSTEM

Specification



NAE 2 Automatic Extraction

- Technical Principle: Magnetic bead method
- Workload: 2 samples
- Extraction Duration: <8mins
- Recovery Rate of Magnetic Bead: >92%
- Contamination Control: Ultraviolet disinfection
- Inter-channel Difference: CV≤5%



KadiCheck (Amplification System)

- Sample Capacity(wells) : 8
- Reaction Volume: 0.2ml
- Heating/Cooling Method : Peltier
- Amplification Time : 50-60mins
- Probe : TaqMan-PT1000
- Sample Linearity: $r \geq 0.999$
- Repeatability : CT value CV≤0.5%
- Dynamic Range: 10-10¹⁰ copies

TEST PROCESS (Get result in 60mins)

1
Sampling



2
Extraction (7mins)



3
Amplification (46mins)



4
Report



Support 16 items
simultaneously detection

Rapid RT-PCR diseases
confirmatory test within 60mins

Portable Design with
only 4.5KG

Lyophilized detection kits
with Room temperature storage

One Sample,
Multi-pathogen testing

Golden Standard Technology



- High sensitivity and specificity with Short detection window period, the pathogen can be detected in initial infection period. Avoid misdetection for the disease that are difficult to diagnose with traditional methods.

Easy Operation



- Automatic extraction and amplification process.
- Humanized software interface.
- Maintenance free.

More Test Panel



- More than 60 test items are available, covering Respiratory tract, Gastrointestinal tract, Stomatitis, Zoonoses and so on. Theoretically all pathogens can use PCR method for detection.

TEST MENU

Categories	Product code	Test Menu	Type	Specimens	Packing
Respiratory tract	Feline BFV002	Feline Calicivirus Detection Kit	Single	Eye, Nasal and throat swabs	8T/Kit
	Feline BFV003	Feline Herpesvirus Type I Detection Kit	Single	Eye, Nasal and throat swabs	8T/Kit
	Feline BFV014	Chlamydia Detection Kit	Single	Eye, Nasal and throat swabs	8T/Kit
	Feline/Canine BFV025	Mycoplasma Detection Kit	Single	Eye, Nasal and throat swabs	8T/Kit
	Feline/Canine BFV039	Bordetella Detection Kit	Single	Nasal secretions	8T/Kit
	Feline BFV030	Feline Calicivirus/Feline Herpesvirus type I Detection Kit	Combo	Eye, Nasal and throat swabs	8T/Kit
	Feline BFV032	Chlamydia/Mycoplasma Detection Kit	Combo	Eye, Nasal and throat swabs	8T/Kit
	Feline BFV038	Feline Calicivirus/Herpesvirus Type I/ Mycoplasma/Chlamydia Detection Kit	4 in 1	Eye, Nasal and throat swabs	8T/Kit
	Feline BFV045	Feline Respiratory Detection Kit (Calicivirus/Herpesvirus Type I/Chlamydia/ Mycoplasma /Bordetella)	5 in 1	Eye, Nasal and throat swabs	8T/Kit
	Canine BFV017	Canine Adenovirus Type II Detection Kit	Single	Eye,Nasal and throat swabs	8T/Kit
	Canine BFV018	Canine Parainfluenza Virus Detection Kit	Single	Eye,Nasal and throat swabs	8T/Kit
	Canine BFV019	Canine Distemper Virus Detection Kit	Single	EDTA blood, Eye, Nasal and throat swabs	8T/Kit
Canine BFV052	Canine Respiratory Detection Kit (Distemper /Adenovirus Type II/ Parainfluenza Virus/Bordetella)	4 in 1	Eye, Nasal and throat swabs	8T/Kit	
Gastrointestinal tract	Feline/Canine BFV001	α Coronavirus Type I Detection Kit	Single	Pleural effusion, Ascites or Fecal swab	8T/Kit
	Feline BFV004	Feline Parvovirus Detection Kit	Single	Feces, Anal swab	8T/Kit
	Feline BFV022	Giardia Lamblia Detection Kit	Single	Feces swab	8T/Kit
	Feline BFV041	Trichomonas Foetus Detection Kit	Single	Feces	8T/Kit
	Feline BFV024	Cryptosporidium Detection Kit	Single	Feces, Anal swab	8T/Kit
	Feline/Canine BFV031	Parvovirus/α Coronavirus Type I Detection Kit	Combo	Feces, Anal swab	8T/Kit
	Feline BFV046	Giardia Lamblia/Trichomonas Foetus Detection Kit	Combo	Feces swab	8T/Kit
	Feline BFV047	Feline Parvovirus/α Coronavirus Type I /Giardia Lamblia /Trichomonas Foetus Detection Kit	4 in 1	Feces swab	8T/Kit
	Canine BFV020	Canine Parvovirus Detection Kit	Single	Feces, Anal swab	8T/Kit
	Canine BFV022	Giardia Lamblia Detection Kit	Single	Feces swab	8T/Kit
	Canine BFV024	Cryptosporidium Detection Kit	Single	Feces, Anal swab	8T/Kit
	Canine BFV015	Canine Rotavirus Detection Kit	Single	Feces, Anal swab	8T/Kit
Canine BFV053	Canine Gastrointestinal Detection Kit (Canine parvovirus/α Coronavirus type I/Giardia Lamblia /Cryptosporidium)	4 in 1	Feces swab	8T/Kit	
Stomatitis	Feline BFV028	Feline Immunodeficiency Virus Detection Kit	Single	EDTA blood	8T/Kit
	Feline BFV029	Feline Leukemia Virus Detection Kit	Single	EDTA blood	8T/Kit
	Feline BFV002	Feline Calicivirus Detection Kit	Single	Eye, Nasal and throat swabs	8T/Kit
	Feline BFV003	Feline Herpesvirus Type I Detection Kit	Single	Eye, Nasal and throat swabs	8T/Kit
	Feline BFV042	Feline Immunodeficiency Virus/Feline Leukemia Detection Kit	Combo	EDTA blood	8T/Kit
Zoonoses	Feline/Canine BFV005	Toxoplasma Gondii Detection Kit	Single	EDTA blood	8T/Kit
	Feline/Canine BFV007	Leptospira Detection Kit	Single	EDTA blood, urine	8T/Kit
	Feline BFV023	Bartonella Henselae Detection Kit	Single	EDTA blood	8T/Kit
	Feline/Canine BFV048	Helicobacter pylori Detection Kit	Single	Feces, oral swab, vomitus	8T/Kit
	Feline/Canine BFV034	Leptospira/Toxoplasma Detection Kit	Combo	EDTA blood	8T/Kit
	Feline BFV043	Bartonella Henselae/Toxoplasma Gondii Detection Kit	Combo	EDTA blood	8T/Kit
	Feline/Canine BFV049	Human Animal Transmission Detection Kit (Leptospira/Toxoplasma /Babesia canis/ Babesia gibsoni/Bartonella Henselae/Heartworm)	6 in 1	EDTA blood	8T/Kit
	Canine BFV021	Babesia Detection Kit	Single	EDTA blood	8T/Kit
Anemia	Canine BFV027	Ehrlichia Detection Kit	Single	EDTA blood	8T/Kit
	Canine BFV021	Babesia Detection Kit	Single	EDTA blood	8T/Kit
	Canine BFV036	Babesia canis/Babesia gibsoni Detection Kit	Combo	EDTA blood	8T/Kit
	Canine BFV050	Canine Anemia Detection Kit (Babesia canis/ Babesia gibsoni/Lyme Disease/Ehrlichia/Canis/ Canine Anaplasma/Hemotropic mycoplasmas)	6 in 1	EDTA blood	8T/Kit
	Canine BFV051	Canine Blood Parasite Detection Kit (Lyme Disease/ Ehrlichia Canis/Anaplasma/Heartworm)	4 in 1	EDTA blood	8T/Kit
	Canine BFV037	Brucella Detection Kit	Single	EDTA blood	8T/Kit
Others	Canine BFV016	Canine Adenovirus Type I Detection Kit	Single	Eye, Nasal and throat swabs	8T/Kit
	Canine BFV040	Rabies Virus Detection Kit	Single	Nasal and throat swabs, EDTA blood	8T/Kit
	Canine BFV037	Brucella Detection Kit	Single	EDTA blood	8T/Kit
Bird	BFEV001	Parrot Borna Virus Detection Kit	Single	Oral/cloaca swab	8T/Kit
	BFEV003	Avian polyomavirus Detection Kit	Single	EDTA blood 0.1 mL	8T/Kit
	BFEV004	Chlamydia Psittaci Detection Kit	Single	EDTA blood 0.1 mL	8T/Kit
	BFEV005	Psittacid Herpesvirus Detection Kit	Single	EDTA blood 0.1 mL/Oral/ cloaca swab	8T/Kit
	BFEV006	Paramyxovirus Detection Kit	Single	EDTA blood 0.1 mL	8T/Kit
	BFEV008	Trichomonas Gallinae Detection Kit	Single	Oral/cloaca swab	8T/Kit
	BFEV009	Pigeon Circovirus Detection Kit	Single	EDTA blood 0.1 mL/Oral/ cloaca swab	8T/Kit
Turtle	BFEV010	Turtle Mycoplasma Detection Kit	Single	Nasal Lavage Fluid /Bronchial lavage fluid	8T/Kit
	BFEV016	Chelonid Herpesvirus Detection Kit	Single	EDTA blood 0.1mL/Oral/ cloaca swab	8T/Kit
Rabbit	BFEV011	Encephalitozoon Cuniculi Detection Kit	Single	Urine/CSF	8T/Kit
	BFEV012	Rabbit Hemorrhagic Disease Virus Detection Kit	Single	EDTA blood/Feces/Urine	8T/Kit
Mink	BFEV013	Mink Enteritis Virus Detection Kit	Single	EDTA blood 0.1mL/Feces	8T/Kit
	BFEV014	Mink Canine Distemper Virus Detection Kit	Single	Eye, Nasal and throat swabs	8T/Kit



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CONTACT US

sales@ivetmedical.com
www.ivetmedical.com

Dubai

+971 50 523 8048

DSO-IFZA, Dubai Silicon Oasis, UAE.

Lebanon

+961 1 497 740

3rd floor, Sukkariah Center, Dekwaneh, Lebanon.

Armenia

+374 93 720991

21, 1 Bagrevand St, Yerevan, Armenia.