Test Menu

Species	Categories	Test Parameters	Combo Test
Feline	Respiratory Tract	Feline Herpesvirus-1 (FHV-1)	A Feline respiratory tract diseases; B Feline respiratory tract diseases; C Feline respiratory tract diseases
		Feline Calicivirus (FCV)	
		Chlamydia (CHL)	
		Mycoplasma(MYC)	
		Bordetella Bronchiseptica (Bb)	
	Diarrhea Tract	Feline Coronavirus (FCoV)	A Feline diarrhea pathogens; B Feline diarrhea pathogens; C Feline diarrhea pathogens
		Feline Parvovirus (FPV)	
		Tritrichomonas Foetus	
		Giardia	
	Infectious Peritonitis	Feline Coronavirus (FCoV)	Feline infectious peritonitis
		Feline Infectious Peritonitis Virus (FIPV)	
	Anemia	Feline Leukemia Virus (FeLV)	A Feline anemia pathogens; B Feline anemia pathogens
		Feline Immunodeficiency Virus (FIV)	
		Feline Mycoplasma (Mhf/ Mhm/ Mtc)	
		Bartonella Henselae	
Canine	Respiratory Tract	Canine Distemper Virus (CDV)	A Canine respiratory tract diseases
		Canine Adenovirus-2 (CAV-2)	
		Canine Parainfluenza Virus (CPIV)	
		Bordetella Bronchiseptica (Bb)	
	Diarrhea Tract	Canine Parvovirus (CPV)	A Canine diarrhea pathogens; B Canine diarrhea pathogens; C Canine diarrhea pathogens
		Canine Coronavirus (CCoV)	
		Tritrichomonas Foetus	
		Giardia	
	Arbovirus	Babesia Canis	A Canine arboviruses; B Canine arboviruses
		Babesia Gibsoni	
		Hemotropic Mycoplasma Canis	
		Hepatozoon Canis	
		Ehrlichia Canis	
		Anaplasma Phagocytophilum	
Zoonosis	Canine 2 in 1	Leptospira	Canine zoonotic diseases
	Single	Toxoplasma Gondii	Feline zoonotic diseases
	Feline 2 in 1	Bartonella Henselae	

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VQ1

Veterinary Real-time PCR Analyzer

Combining speed, accuracy, and simplicity to deliver PCR results anywhere testing is needed



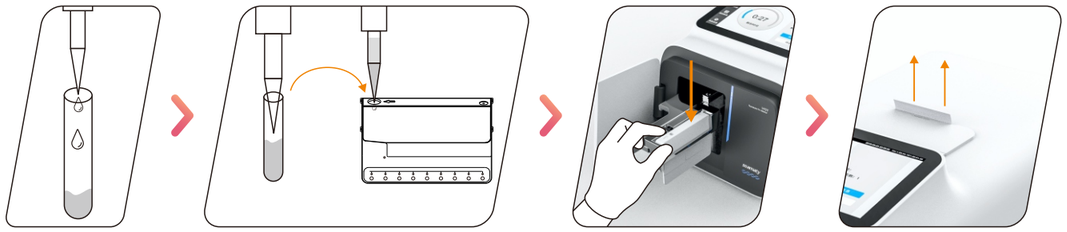
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VQ1 Veterinary Real-time PCR Analyzer

Seamaty VQ1 Veterinary Real-time PCR Analyzer integrated with real-time fluorescent quantitative PCR technology and patented microfluidic cartridge technology, delivers fast and accurate test results in several simple steps. The closed test cartridge contains freeze-dried reagents to eliminate the complicated liquid mix-and-match and transfers during the detection process, reducing the risk of contamination. VQ1 is equipped with an independent heating and cooling module that achieves an extremely fast temperature change of 10°C per second, which shortens the entire qPCR reaction time. VQ1 provides an effective solution for disease surveillance in clinical diagnostic laboratories, the veterinary field, and the breeding industry.



Easy 4-step Operation



Prepare sample › *Add sample* › *Insert cartridge* › *Read result*

Product Features

Easy to use

- *No professional operation required and can get results only 4-step.*

Fast detection

- *Get accurate test result in 40 minutes.*

Small size

- *Compact design saves laboratory space and is easy to transport anywhere.*

Cost-effective and versatile

- *Compact design saves laboratory space and is easy to transport anywhere.*

Closed cartridge solution

- *Integrate the fully automated process of sample extraction, purification, system construction and amplification in one small closed cartridge to reduce the risk of contamination and operator error.*

Accurate result

- *Utilizes real-time fluorescent PCR with magnetic bead nucleic acid extraction technology providing a sensitivity up to 10 copies per reaction.*
- *Built-in quality control system performs continuous quality control checks on every test.*

Specifications

Sample Type	Nasopharyngeal swab, eye swab, oral swab, anal swab, pleural effusion etc.	Work Environment	Temperature: 5℃~32℃; Relative humidity : 85%:
Fluorescent Channel	4 (FAM/HEX/ROX/CY5)	Heating/ Cooling Rate	10℃/S
Testing Principle	Real-time fluorescent quantitative PCR	Accuracy of Temperature Control	±0.5℃
Testing Time	40minutes/sample	Storage	500,000 results
Cross-contamination	No	QC & Calibration	Built-in intelligent quality control
Precision	CV≤5%	Connectors	4 USB ports, 1 RJ45 network port
Printer	Built-in thermal printer	Barcode	QR code
Weight	7.5Kg	Voltage	AC100-240V; 50/60Hz
Rated Power	120VA	Size	495*225*175mm