Test Menu

Species	Categories	Test Parameters	Combo Test
Feline	Respiratory Tract	Feline Herpesvirus-1(FHV-1)	A Feline respiratory tract; B Feline respiratory tract; C Feline respiratory tract
		Feline Calicivirus(FCV)	
		Chlamydia felis(C.felis)	
		Mycoplasma felis(M.felis)	
		Bordetella bronchiseptica(Bb)	
		Feline Influenza A Virus(fFiuA)	
	Gastrointestinal tract	Feline Coronavirus (FCoV)	A Feline diarrhea tract; B Feline diarrhea tract
		Feline Parvovirus (FPV)	
		Tritrichomonas foetus(T. foetus)	
		Giardia lamblia(G. lamblia)	
	Parasite	Tritrichomonas foetus(T. foetus)	A Feline diarrhea tract; B Feline diarrhea tract
		Giardia lamblia(G. lamblia)	
		Cryptosporidium spp(Cryptosporidium)	
		Pentatrichomonas hominis(P. hominis)	
	Infectious peritonitis	Feline Coronavirus((FCoV)	Feline infectious peritonitis
		Feline Infectious Peritonitis Virus(FIPV)	
	anemia	Feline Leukemia Virus(FeLV)	A Feline anemia; B Feline anemia
		Feline Immunodeficiency Virus(FIV)	
		Mycoplasma haemofelis(Mhf))/ Candidatus Mycoplasma haemominutum(Mhm)/ Candidatus Mycoplasma turicensis(Mtc)	
		Bartonella henselae(B. henselae)	
Canine	Respiratory Tract	Canine Distemper Virus(CDV)	A Canine diarrhea tract; B Canine diarrhea tract
		Canine Adenovirus-2(CAV-2)	
		Canine Parainfluenza Virus(CPIV)	
		Mycoplasma cynos(M.cynos)	
		Canine Influenza Virus(CIV)	
		Canine Herpesvirus-1(CHV-1)	
		Bordetella bronchiseptica(Bb)	
	Gastrointestinal tract	Canine Parvovirus(CPV)	A Canine diarrhea tract; B Canine diarrhea tract
		Canine Coronavirus(CCoV)	
		Tritrichomonas foetus(T. foetus)	
		Giardia lamblia(G. lamblia)	
	Parasite	Tritrichomonas foetus(T. foetus)	A Canine diarrhea tract; B Canine diarrhea tract
		Giardia lamblia(G. lamblia)	
		Cryptosporidium spp(Cryptosporidium)	
		Pentatrichomonas hominis(P. hominis)	
	Vector-borne diseases	Babesia canis(B.canis)	A Canine diarrhea tract; B Canine diarrhea tract
		Babesia gibsoni(B.gibsoni)	
		Mycoplasma haemocanis(M.haemocanis)	
		Hepatozoon canis(H. canis)	
		Ehrlichia canis(E. canis)	
		Anaplasma phagocytophilum(A. phagocytophilum)	
Zoonosis	Canine 2 in 1	Leptospira spp(Leptospira)	Canine zoonosis
	Single	Toxoplasma gondii(T. gondii)	Canine zoonosis; Feline zoonosis
	Feline 2 in 1	Bartonella henselae(B. henselae)	Feline zoonosis

Chengdu Seamaty Technology Co., Ltd.
+86-28-6023 2039
www.seamaty.com
Address: No.333,Hezuo Road, Hi-Tech Zone, Chengdu, 611731 CN
sales@seamaty.com

seamaty

seamaty

VQ1

Veterinary Real-time PCR Analyzer

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



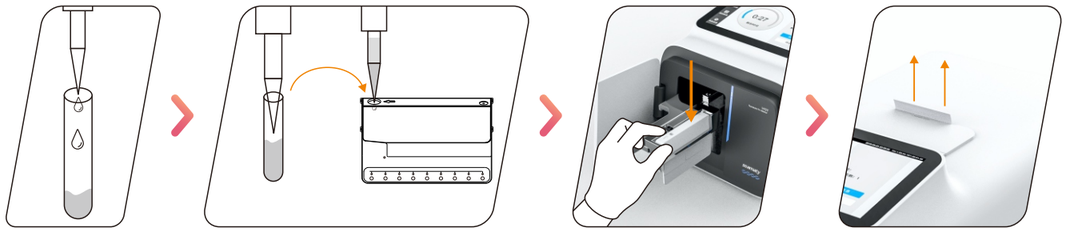
www.seamaty.com

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
- *Freeze-drying reagents can be stored and transported at normal temperature*
- *Wide range of available test menu expands in-house laboratory testing capabilities*

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	40 minutes/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	AC 100-240V; 50/60Hz
Rated Power	120VA	Size	495*225*175mm