



A Compact and Automated
PCR Lab for Pet Pathogens

GN7120 Vet

Akso PCR System

GN7120 Vet

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Rapid, Simple and Reliable



Sample In - Result Out

Compact design & All-in-One system
Fully automated nucleic acid extraction → PCR amplification → detection → analysis



Quick Test

Fastest turnaround time of 25 min or less from sample to result



High Throughput

Dual-module design, 12 test channels
Multiple items could be detected simultaneously



Room Temperature Transportation & Storage

Advanced technology, freeze-dried reagent
Convenient and cost-effective transportation



Easy Operation

Simple workflow
Require minimal training and hands-on time



Technical Parameters

Sample Types

Nasopharyngeal swab, conjunctiva swab, anal swab, feces, whole blood, oral and nasal secretion, pleural effusion, ascites

Throughput

12 test channels

Screen

10.4-inch touch screen

Dimensions

420 mm (L) × 424 mm (W) × 234 mm (H)

Storage Capacity

10000 data

Working Environment

Temperature: 15~30°C
Relative humidity: 10%~70%
Air pressure: 70.0~106.0 kPa

Weight


12 kg



Test Items

 : 18 Pathogens

Test Items	Pathogen	Specimen	Device
Respiratory Diseases	CDV	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	CIV	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	CPIV	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	CAV- I	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	CAV- II	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	Bb	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	CDV/CPIV/CAV	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	CDV/CPIV/CAV /Bb	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
Digestive Tract Diseases	CCV	Feces or Anal Swab	GN7120 Vet
	CPV	Feces or Anal Swab	GN7120 Vet
	CCV/CPV	Feces or Anal Swab	GN7120 Vet
Anemia	Bab	Whole Blood	GN-Pure32/96+GN7120 Vet
	Bgi	Whole Blood	GN-Pure32/96+GN7120 Vet
	APH	Whole Blood	GN-Pure32/96+GN7120 Vet
	Ehr	Whole Blood	GN-Pure32/96+GN7120 Vet
	Bab/Bgi	Whole Blood	GN-Pure32/96+GN7120 Vet
	APH/Ehr	Whole Blood	GN-Pure32/96+GN7120 Vet
	Bab/Bgi/APH/Ehr	Whole Blood	GN-Pure32/96+GN7120 Vet
Zoonotic Diseases	RV	Oral and Nasal Secretion	GN7120 Vet
	PRV	Oral and Nasal Secretion	GN7120 Vet
	TOX	Feces or Anal Swab	GN7120 Vet
	Lep	Feces or Anal Swab	GN7120 Vet
	Bru	Whole Blood or Serum	GN-Pure32/96+GN7120 Vet
	Hp	Feces or Anal Swab	GN7120 Vet
	TOX/Lep	Feces or Anal Swab	GN7120 Vet
Routine Physical Examination	CDV/CCV/CPV/CAV	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
		Feces or Anal Swab	

 : 15 Pathogens

 : Test Items in Development

Test Items	Pathogen	Specimen	Device
Respiratory Diseases	FHV	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	FCV	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	MF	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	CF	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	Bb	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	FHV/FCV	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	MF/CF	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	MF/CF/Bb	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	FHV/FCV/MF/CF	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
Digestive Tract Diseases	FHV/FCV/MF/CF/Bb	Nasopharyngeal and Conjunctiva Swab	GN7120 Vet
	FCoV	Feces or Anal Swab	GN7120 Vet
	FPV	Feces or Anal Swab	GN7120 Vet
	TF	Feces or Anal Swab	GN7120 Vet
	GL	Feces or Anal Swab	GN7120 Vet
	GL/TF	Feces or Anal Swab	GN7120 Vet
Feline Infectious Peritonitis	FCoV	Feces or Anal Swab	GN7120 Vet
	 FIPV	Pleural Effusion or Ascites	GN-Pure32/96+GN7120 Vet
	 FCoV/FIPV	Pleural Effusion or Ascites	GN-Pure32/96+GN7120 Vet
Feline Anemia	FeLV	Oral and Nasal Secretion	GN7120 Vet
	FIV	Oral and Nasal Secretion	GN7120 Vet
	FeLV/FIV	Oral and Nasal Secretion	GN7120 Vet
Zoonotic Diseases	TOX	Feces or Anal Swab	GN7120 Vet
	Bh	Feces or Anal Swab	GN7120 Vet
	Di	Feces or Anal Swab	GN7120 Vet
	TOX/Bh	Feces or Anal Swab	GN7120 Vet
Feline Stomatitis	FHV/FCV/FeLV/FIV	Oral and Nasal Secretion	GN7120 Vet



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