

CE

**Healvet**<sup>®</sup>

## Veterinary Immunofluorescence Quantitative Analyzer HV-FIA 3000



- Quick
- Accurate
- Convenient
- Reliable



**Healvet**<sup>™</sup>

**Healvet Medtech GZ Ltd.**

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Healvet Medtech GZ Ltd.



➤➤➤ Healvet is a company focusing on the research and development, production, sales and service of biomedical in vitro diagnostic (IVD) rapid detection (POCT) products (including reagents and instruments). It has won the national high-tech enterprise, Guangzhou City specialization and special new enterprise and other honors. The company is located in Guangzhou High-tech Industrial Development Zone. The company has a R&D and production quality system that meets GMP standards, and has successively established four technology platforms: colloidal goldimmunochemistry, fluorescence immunochemistry, coagulation microfluidics, and parasite egg detection. The self-owned brand "Healvet" has won the trust and praise of domestic and foreign users in the field of pet diagnosis through continuous technological innovation and product upgrades. The company will continue to improve products and services and keep creating value for customers.



HV-FIA 3000

- Android
- 7-inch ultra-sensitive, dust-proof, waterproof capacitive touch screen
- High sensitivity and good repeatability
- Wireless connection printer
- Online update
- Occupied area 210\*240, reduced by 23%
- Chip information supports ID card reading and U disk reading
- Supports bidirectional protocol transmission
- Receive instrument abnormal information remotely





## Veterinary Immunofluorescence Quantitative Analyzer

HV-FIA 3000

### Standard Test Operation Procedure

Test Mode 2 - Standard Test



Rapid test mode to effectively meet the needs of large sample testing



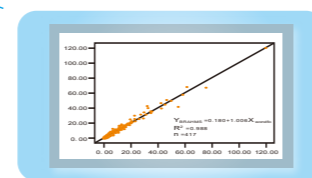
Dry reagents, individually packed



Powerful information management function which can be directly connected to the medical management system



Convenient and quick, the detection time only takes 3~15 minutes



Good linear match with CLIA results

Android

Wireless connections

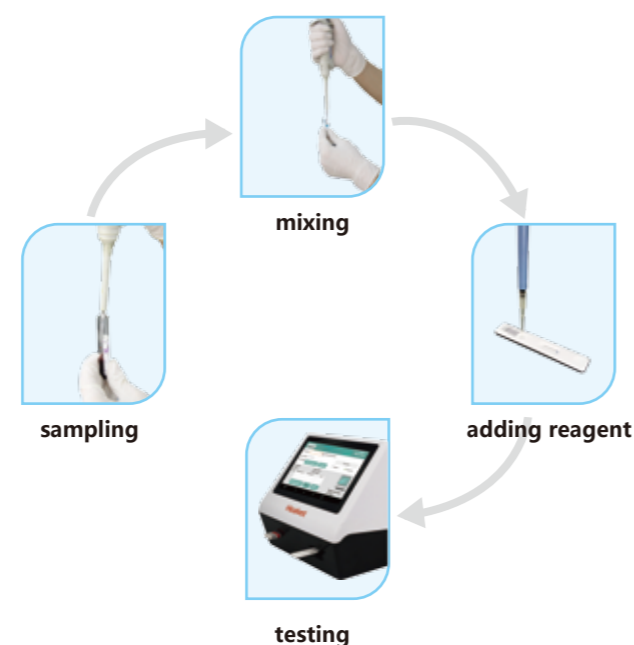
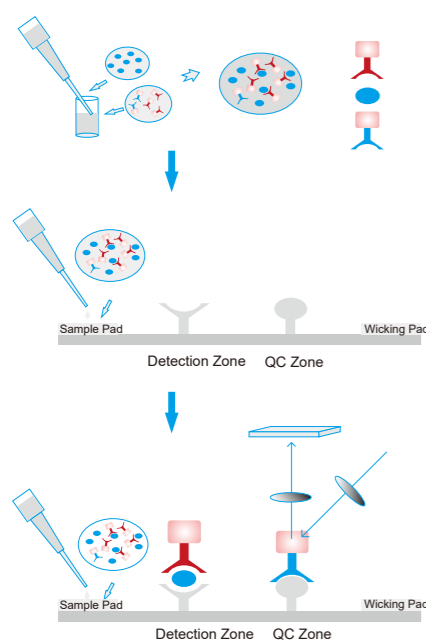
Information management

Simple and convenient operation

Accurate and reliable

Wide reagent testing menu

### Test principle and operation



1. Turn on the power switch, HV-FIA 3000 will load on the system and enter the initial interface.



2. Click "Test" menu on the main screen. After self-checking success, the system will enter the test interface.



3. Slide the Dip Switch to "Standard Test" and make sure the indicator light is green.



4. Insert the Test ID Card, and then click "Read ID Card" .



5. Extract the blood specimen (e.g. for Prog: 75μL of plasma/serum or whole blood, Please refer to the instruction manual for different items volume), add it into buffer and mix thoroughly.



6. Take out the test cartridge from package, add 75μL of sample-buffer mixture into the sample well of test cartridge.



7. Immediately insert the test cartridge into the test cartridge holder of HV-FIA 3000 and click "Test" .



8. HV-FIA 3000 starts to count down 3:00 minutes or 15:00 minutes depending on different test, when countdown time goes to 0 second, the parameter will start to test and display the result.



9. Click "Print" to print the result.

# Test items

Product category	Project	Sample Type	Sample size	Reaction time	Detection range
inflammation	cCRP	Serum,plasma or whole blood	10ul	3min	2~250mg/L
	fSAA	Serum,plasma or whole blood	10ul	3min	2~300mg/L
	eSAA	Serum	10ul	5min	2~8000mg/L
Cardio marker	NT-proBNP	Serum,plasma	75ul	15min	5~50000pg/mL
	fNT-proBNP	Serum,plasma	75ul	15min	50-1500pmol/L
	ccTnl	Serum,plasma	75ul	15min	0.01-20ng/mL
	fcTnl	Serum,plasma	75ul	15min	0.02-16.5ng/mL
Hormone	cProg	Serum,plasma	75ul	15min	1-50 ng/mL
	Cortisol	Serum,plasma	75ul	15min	10~1000 nmol/L
	T4	Serum,plasma	75ul	15min	6.4~120nmol/L
	TSH	Serum,plasma	75ul	15min	0.1-100 mIU/L
Diabetes	cHbA1c	Whole blood	75ul	5min	4%-14.5%
	fHbA1c	Whole blood	75ul	5min	1.5%-10.5%
Pancreatitis	cPL	Serum,plasma	75ul	15min	10-2000 µg/L
	fPL	Serum,plasma	75ul	15min	0.5-100 µg/L
Thrombus function	D-dimer	plasma or whole blood	plasma: 15ul whole blood: 10ul	5min	50~10000 ng/mL

Product category	Project	Sample Type	Sample size	Reaction time	Detection range
Infections	CPV Ag	Faeces		10min	16~8000 ng/mL
	CDV Ag	Eye, nose and mouth secretions		10min	1~120 ng/mL
	CCV Ag	Faeces		10min	0~35 ug/mL
	CPV/CCV Ag	Faeces		10min	0~35 pg/mL
	FPV Ag	Faeces		10min	1~2000 ug/mL
	FCoV Ag	Faeces		10min	0~35 ug/mL
	FHV Ag	Eye, nose and mouth secretions		10min	0~200 ug/mL
	FCAV Ag	Eye, nose and mouth secretions		10min	0~200 ug/mL
	CDV/CPV/ICH Ab	Serum,plasma	75ul	10min	5~1000 U
	CDV Ab	Serum,plasma	75ul	10min	5~1000 U
Antibody	CPV Ab	Serum,plasma	75ul	10min	5~1000 U
	FHV/FCAV/FPV Ab	Serum,plasma	75ul	10min	0~600 U
	FHV Ab	Serum,plasma	75ul	10min	0~300 U
	FCAV Ab	Serum,plasma	75ul	10min	0~600 U
	FPV Ab	Serum,plasma	75ul	10min	0~600 U
Gastric function	HP (Helicobacter pylori)	Faeces		10min	0~500 ng/mL



## Coming soon

- Toxo Ab
- Rabies antibody
- ccTnl+cNT Combined test
- fcTnl+fNT Combined test
- FHV+FCAV Ag Combined test

## Under development

- CPSE (Canine prostate specific esterase)
- AFP (Alpha-fetoprotein)
- Equine ACTH
- Fructosamine