

YSTE-Vi1

# VETERINARY FLUORESCENCE IMMUNOASSAY ANALYZER



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*This fluorescent immunoassay system adopts our self-developed rare-earth nanocrystals based fluoro-immunochromatography. Rare-earth nanocrystal has an excellent characteristic in stability and anti-interference with features of eco-friendly and non-toxic. High sensitivity and specificity, this system provides an accurate, reliable and fast test results in veterinary diagnosis.*



## Product Features

### Flexible & Economic

- Single-disposable test card, no cross-contamination and waste
- The sample volume should not exceed 0.1ml

### Excellent Reagent Performance

- Stored at 2-40°C with a shelf life of 24 months.
- Not afraid of freezing and high temperature (-30-50°C), easy to transport and store

### Easy to Use

- The full automated system without any special requirements for operators
- Testing can be performed in several simple steps

### Accurate Result

- Rare earth nanocrystal biological probes are stable, accurate and highly sensitive
- Automatic calibration to ensure analyzer measurement accuracy

## Specifications

<b>Sample Type</b>	Whole blood, serum, plasma, secretion etc.	<b>DC connector</b>	DC 5.5
<b>Sample Volume</b>	2.5 - 100 $\mu$ l	<b>Power Supply</b>	12V 3A
<b>Methodology</b>	Fluorescence immunochromatographic assay	<b>Connectors</b>	4 USB ports; 1 LAN port
<b>Test Time</b>	4-10 minutes	<b>Dimension</b>	240mm*200mm*135mm
<b>QC &amp; Calibration</b>	Real-time full-auto finish	<b>Net Weight</b>	1.85KG
<b>Display</b>	7 inch 800*480px	<b>Printer</b>	Built-in thermal printer
<b>Storage</b>	MAX 500,000	<b>Operating Environment</b>	Operating temperature: 5-32°C Humidity $\leq$ 85% Keep away from strong electromagnetic interference sources
<b>Rated Power</b>	36VA		

# Immunoassay Parameters

# Under development parameters

Categories	Item Name	Sample Type	Sample Volume (μL)	Detection Time
<b>Inflammation</b>	c-CRP Test Kit	Whole blood / plasma or serum	Whole blood: 5 μL Serum / plasma: 2.5 μL	4 min
	t-SAA Test Kit	Whole blood / plasma or serum	Whole blood: 5 μL Serum / plasma: 2.5 μL	5 min
	cPL Test Kit	Plasma or serum	10 μL	10 min
	fPL Test Kit	Plasma or serum	20 μL	10 min
<b>Antibody of Feline/Canine</b>	Anti-IPV/Anti-IHV/ Anti-ICV Test Kit #	Plasma or serum	10 μL	10 min
	Anti-cPV/Anti-cAV Test Kit #	Plasma or serum	10 μL	10 min
	Anti-cDV Test Kit	Plasma or serum	10 μL	10 min
	Anti-cPV Test Kit	Plasma or serum	10 μL	10 min
	Anti-IPV Test Kit	Plasma or serum	10 μL	10 min
	Anti-ICV Test Kit	Plasma or serum	10 μL	10 min
	Anti-IHV Test Kit	Plasma or serum	10 μL	10 min
	Anti-fCoV Test Kit #	Whole blood / plasma or serum / ascites	Whole blood/ascites: 5 μL Plasma/serum: 2.5 μL	10 min
<b>Disease of Feline/Canine</b>	IPV Ag Test Kit	Anal swab	Moderate amount	7 min
	fCoV Ag Test Kit #	Anal swab	Moderate amount	7 min
	IHV Ag Test Kit	Eye, mouth and nose secretions	Moderate amount	10 min
	ICV Ag Test Kit	Eye, mouth and nose secretions	Moderate amount	10 min
	cPV Ag Test Kit	Anal swab	Moderate amount	7 min
	cDV Ag Test Kit	Eye, mouth and nose secretions	Moderate amount	10 min
	cCV Ag Test Kit	Anal swab	Moderate amount	7 min
	cHW Ag Test Kit #	Plasma or serum	20 μL	10 min
	cPV Ag / cCV Ag Test Kit #	Anal swab	Moderate amount	10 min
<b>Hormones</b>	cTSH Test Kit	Plasma or serum	100 μL	10 min
	cProg Test Kit	Plasma or serum	50 μL	10 min
	cCor Test Kit	Plasma or serum	10 μL	10 min
	cTT4 Test Kit	Plasma or serum	Plasma/serum: 20 μL Dissociation solution: 10 μL Stand for 10 min	10 min
<b>Disease of Heart</b>	cNT-proBNP Test Kit	Plasma or serum	100 μL	10 min
	fNT-proBNP Test Kit	Plasma or serum	100 μL	10 min
<b>Renal function</b>	Cys C Test Kit #	Plasma or serum	10 μL	10 min



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