EZassay

Point-of-care tests for cats and dogs

Rapid nucleic acids of pathogens

Professional supplier of POCT products

DNA/RNA test anywhere & anytime

Product Introduction

Integrating advanced isothermal amplification with lateral flow strip technology, EZassay Biotech™ delivers rapid, sensitive and specific POCT solutions for canine and feline pathogens. Its simple, extraction-free workflow enables on-site testing, with clear results displayed on test strips in approximately 30–40 minutes.

- **High Sensitivity** – Sensitive pathogen detection through isothermal nucleic acid amplification.
- **Fast & Simple** – Direct testing without nucleic acid extraction, with a streamlined workflow.
- **Visual Readout** – Clear test-line results without a specialized reader.

EZassay Biotechnology Limited

19925271988 info@ezassay.com

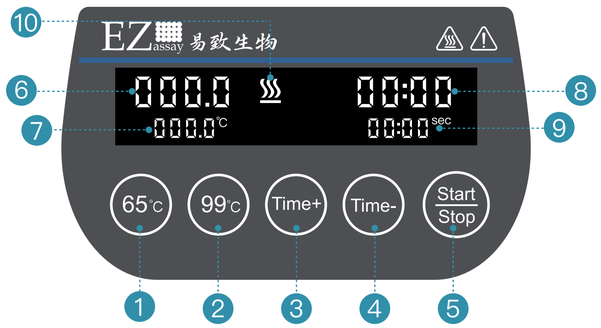
No. 10, Gaoxing Road, Nanshan District, Shenzhen City

© Ezassay Biotechnology,Inc.

EZassay Biotechnology Limited

01/ Set up the Instrument

1. Turn on the power
2. Press the 65°C button



1 Set to 65°C 2 Set to 99°C 3 Timer+ 4 Timer-
5 Timer Start 6 Current Temp 7 Set Temp
8 Time Left 9 Set Time 10 Heating

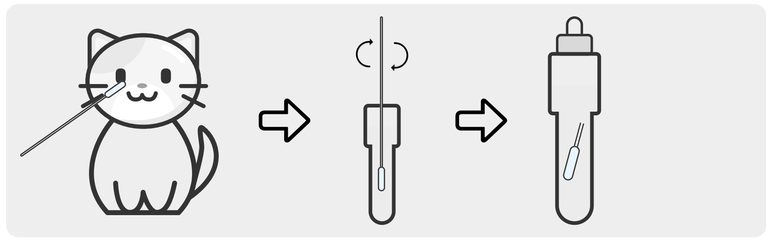
02/ Sample Collection



Tube A

Swab

1. Collect oral, nasal, or eye secretions from the pet using the swab.
2. Insert the swab into the Tube A, and mix thoroughly for 10 seconds.
3. Break the swab shaft at the printed breakpoint, then tighten the cap.



03/ Isothermal amplification



Tube A

Reaction Tube

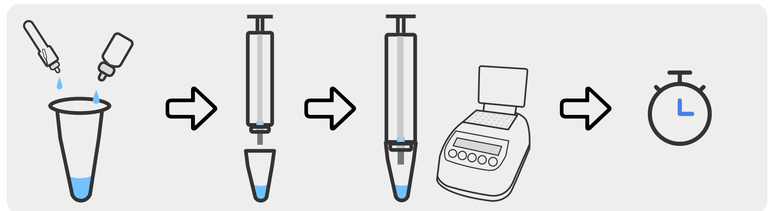


Strip Tube



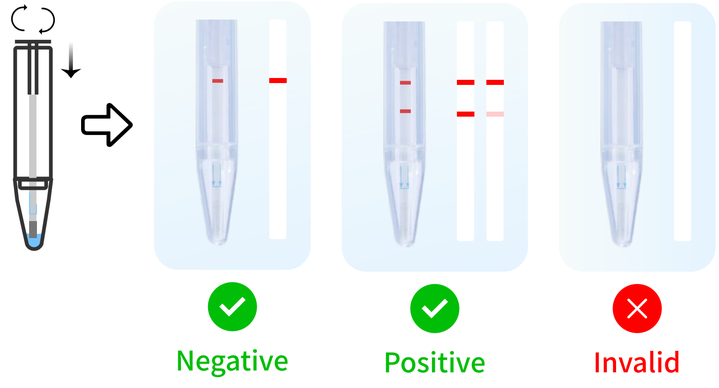
Heat Block

1. Carefully open Reaction Tube.
2. Transfer **2 drops** of the Tube A to the Reaction Tube.
3. Gently flick the Reaction Tube 3–5 times to bring the liquid to the bottom.
4. Connect the Reaction Tube to the Strip Tube as instructed.
5. Incubate the assembled tube at 65°C for 30 min.



04/ Read Results

1. Carefully remove the assembled tube from the heat block.
2. Insert the lateral flow strip into the bottom of the Reaction Tube as instructed.
3. Allow the strip to develop for 3 min, then read the result.



Category	Test items	Test sample
Feline Respiratory Pathogen Detection	Feline Herpesvirus Type 1 (FHV-1)	Swab of oral, nasal, or eye secretion.
	Feline Calicivirus (FCV)	
	Feline Mycoplasma (MPF)	
	Feline Chlamydia (CDF)	
	Bordetella bronchiseptica (BDB)	
Canine Respiratory Pathogen Detection	Canine Distemper Virus (CDV)	Swab of oral, nasal, or eye secretion
	Canine Parainfluenza Virus (CPiV)	
	Canine Mycoplasma (MC)	
	Canine Adenovirus Type II (CAV-2)	
	Bordetella bronchiseptica (BDB)	
Canine Digestive Pathogen Detection	Canine Distemper Virus (CDV)	Swab of oral, nasal, eye or anal secretion
	Canine Parvovirus (CPV)	

Scan QR Code for Video Tutorial

EZassay™

Detect early. Love better.