credo DIAGNOSTICS™

QubeMDx+™

Next-Generation Veterinary Diagnostic Solution



Advanced Medical Technology for all

Bring the Power of QubeMDx+™ Right into Veterinary Clinics

01 Precision Diagnostics

- High accuracy and precision
- Multiplex testing in a single run

02 Fast Turnaround

- 20-minute turnaround time
- Extraction consumables included

03 Versatile Deployment

- Point-of-care testing
- Compact and portable design
- Operates in any environment

04 Plug-and-Play Diagnostics

- No complex equipment required
- Minimal training needed

Simple Workflow. Precise Results in Minutes.

Lysis

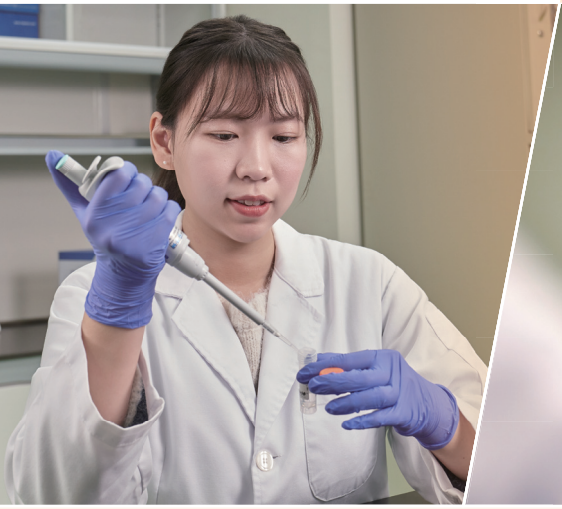
Release nucleic acid into collection buffer

Transfer

Transfer the sample into the reagent tube

Start

Results out in 20 minutes







Veterinary Molecular Diagnostics Solution

Every Animal Deserves Advanced, Timely Care

QubeMDx+™ is a precise and rapid molecular diagnostic solution designed to detect various veterinary pathogens.

The kit features a rapid extraction device and utilizes real-time polymerase chain reaction (PCR) technology, enabling the simultaneous detection of multiple pathogens in just 20 minutes.

By combining the accuracy of molecular diagnostics with rapid turnaround time, it delivers advanced solutions for animal health.

3 Steps / 20 Minutes to Results



Feline Respiratory Viral Assay (FHV/FCV)

FCV and FHV account for 80–90% of feline upper respiratory tract disease (FURTD), posing a significant health risk, particularly in kittens and multi-cat households.

Specimens

Respiratory, corneal, and conjunctival swabs

Pathogens

- Feline herpesvirus
- Feline calicivirus

Feline Respiratory Bacterial Assay (M.felis/C.felis/Bbronc)

M. felis, *C. felis*, and *B. bronchiseptica* are key bacterial pathogens in FURTD, contributing to pneumonia and worsening clinical outcomes, particularly in cases of viral co-infection.

Specimens

Respiratory, corneal, and conjunctival swabs

Pathogens

- *Mycoplasma felis*
- *Chlamydia felis*
- *Bordetella bronchiseptica*

Canine Respiratory Viral Assay (CDV/CAV1&2/CPIV)

CDV, CAV1&2 and CPIV are major viral pathogens, causing respiratory signs and spreading rapidly in kennels and shelters, with co-infections often worsening disease severity.

Specimens

Respiratory, corneal, and conjunctival swabs

Pathogens

- Canine distemper virus
- Canine adenovirus type 1 & 2
- Canine parainfluenza virus

Feline GI Assay (FPV/FCoV/Giardia)

FPV is associated with up to 90% mortality in unvaccinated kittens, FCoV may progress to fatal FIP, and *Giardia* spp. contributes to chronic diarrhea and zoonotic risk.

Specimens

Stool, Rectal swab

Pathogens

- Feline parvovirus
- Feline coronavirus
- *Giardia* spp.

Canine GI Assay (CPV/CCV/Giardia)

CPV causes severe, often fatal enteritis in puppies, while CCoV is typically mild but may worsen in co-infections, and *Giardia* spp. contributes to chronic diarrhea and zoonotic risk.

Specimens

Stool, Rectal swab

Pathogens

- Canine parvovirus
- Canine coronavirus
- *Giardia* spp.

Feline Immunodeficiency Infection Assay (FIV/FELV)

FIV and FeLV are associated with immunosuppression, cancer, and reduced lifespan. Routine testing for all cats is recommended by the American Association of Feline Practitioners.

Specimens

Whole Blood

Pathogens

- Feline immunodeficiency virus
- Feline leukemia virus

Canine Zoonotic 3 in 1 Assay (Lepto/Leish/Brucella)

Leptospira spp., *Leishmania* spp., and *Brucella canis* are major zoonotic pathogens in companion animals, posing significant risks to both animal and human health.

Specimens

Whole Blood

Pathogens

- *Leptospira* spp.
- *Leishmania* spp.
- *Brucella canis*

Canine Blood Infection Assay (CHW/Ecanis/Aphag & Aplat)

This assay enables reliable detection of CHW, *E. canis*, *A. phagocytophilum*, and *A. platys*, supporting routine screening for early detection of systemic and chronic infections.

Specimens

Whole Blood

Pathogens

- *Dirofilaria immitis* (Canine Heartworm)
- *Ehrlichia canis*
- *A. phagocytophilum/ A. platys*

Canine Blood Infection Assay (Babesia/Bburg)

Blood smear detection of Babesia is limited, especially for small species. Lyme disease presents with nonspecific signs, often delaying diagnosis and highlighting the need for reliable diagnostics.

Specimens

Whole Blood

Pathogens

- *Babesia* spp.
- *Borrelia burgdorferi* (Lyme Disease)

Canine Babesia Assay (B.gibsoni/B.canis/B.vogeli)

B. gibsoni, *B. canis*, and *B. vogeli* are major Babesia species in dogs, associated with hemolytic anemia and systemic illness, with accurate species differentiation critical for appropriate clinical treatment.

Specimens

Whole Blood

Pathogens

- *Babesia canis canis*
- *Babesia gibsoni*
- *Babesia canis vogeli*

Haemoplasma/Bartonella Assay

The targeted pathogens in this assay are associated with hematologic abnormalities, including hemolytic anemia, and systemic complications such as vasculitis and organ dysfunction.

Specimens

Whole Blood

Pathogens

- *M. haemofelis/M. haemocanis*
- CMhm / CMt
- *Bartonella* spp.

Hepatozoon/Rickettsii Assay

Given shared tick exposure and overlapping clinical signs, simultaneous detection of *Hepatozoon* spp. and *Rickettsia rickettsii* is critical to guide accurate clinical treatment.

Specimens

Whole Blood

Pathogens

- *Hepatozoon* spp.
- *Rickettsia rickettsii*

QubeMDx+™ Instrument

Product Code	PCRCC3101
Dimensions	15.5 x 16.5 x 20.5 cm (H x W x D)
Weight	1.2 kg
Power Supply	12V, 5A
Color Touch Screen	4" capacitive touch LCD display
Fluorescence Detection	450 to 750 nm
Fluorescence Channel	3+1 (Internal Control)
Storage Environment	15-40°C
Operating Environment	10-38°C, 10-80%RH
Power Adaptor	INPUT: AC 100-240V~2.0A Max, 50-60 HZ. OUTPUT: DC 12V-5A

Knowledge Empowering People

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