

QubeMDx⁺™ - PCR Platform (Point of Care Testing) Veterinary Molecular Diagnostic

Description

QubeMDx⁺™ is a rapid and accurate molecular diagnostic platform that empowers veterinarians to deliver timely, informed care. With fast sample preparation and real-time PCR, it provides lab-quality results for multiple pathogens in just 20 minutes.

An innovative and mobile point-of-care (POCT) Real-Time PCR platform for veterinary testing of cats and dogs.

Specifications

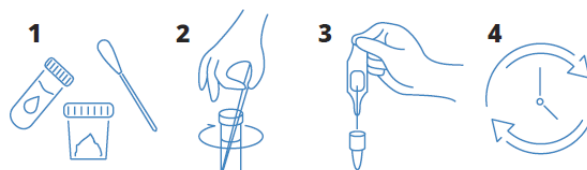
- **30-Minute total turnaround**
From sample to answer - direct detection of DNA/RNA targets in under half an hour.
- **Multiplex panels**
One test detects multiple pathogens:
- Cat: GI, respiratory (bacterial/viral), blood panels
- Dog: GI, respiratory, tick-borne and blood-borne diseases
- **No specialized vet lab needed**
Compact system with no need for biosafety infrastructure or advanced lab skills.
- **Lower diagnostic costs**
No shipping fees. No external lab charges. Just accurate testing at your location.
- **Use in any setting**
From city clinics to rural farms – QubeMDx⁺™ operates anywhere, even with minimal space and power.
- **Sample types supported**
Whole blood, serum, plasma;
Eye/NP swabs, stool
- **Consumables for nucleic acid extraction**
Assays for specific pathogens (see page 2).



QubeMDx⁺™
POCT Veterinary diagnostic

Application

1. Collect - sample in collection buffer
2. Extract nucleic acid with included device
3. Transfer to reagent tube
4. Detect - results ready in approx. 20 minutes



Collect

Extract

Transfer

Detect

Accessories

- Power adapter
Input: AC 100-240V, 2.0A Max, 50-60Hz
Output: DC 12V, 5A
- Rack
Used to place tubes during the testing process.
- Quick guide
For quick setup of the QubeMDx
- Fixed volume 30 µl pipette
It is used to transfer the sample extract from the extraction solution to the reagent tube.

QubeMDx⁺™ - POCT (Point of Care Testing)



Assay	Targets	Specimen	Cat. No.	Quantity
QubeMDx ⁺ ™ Feline Respiratory viral assay (FHV/FCV)	Feline herpesvirus Feline calicivirus	Respiratory, corneal, and conjunctival swabs	PCRCQ3101	20 tests/box
QubeMDx ⁺ ™ Feline Respiratory bacterial assay (M.felis/C.felis/Bbronc)	Mycoplasma felis Chlamydia felis Bordetella bronchiseptica	Respiratory, corneal, and conjunctival swabs	PCRCQ3102	20 tests/box
QubeMDx ⁺ ™ Feline GI assay (FPV/FCoV/Giardia)	Feline parvovirus Feline coronavirus Giardia spp.	Stool, Rectal swab	PCRCQ3103	10 tests/box
QubeMDx ⁺ ™ Feline Blood infection assay (FIV/FELV)	Feline immunodeficiency virus Feline leukemia virus	Whole blood	PCRCQ3104	10 tests/box
QubeMDx ⁺ ™ Feline GI Assay (FPV/FCoV)	Feline parvovirus Feline coronavirus	Stool, Rectal swab	PCRCQ3105	10 tests/box



Assay	Targets	Specimen	Cat. No.	Quantity
QubeMDx ⁺ ™ Canine Respiratory viral assay (CDV/CAV1&2/CPiV)	Canine distemper virus Canine adenovirus type1 & type 2 Canine parainfluenza virus	Respiratory, corneal, and conjunctival swabs	PCRCQ3111	20 tests/box
QubeMDx ⁺ ™ Canine GI assay (CPV/CCV/Giardia)	Canine parvovirus Canine coronavirus Giardia spp.	Stool, Rectal swab	PCRCQ3112	10 tests/box
QubeMDx ⁺ ™ Canine Blood infection assay (CHW/Ecanis/Aphag&Aplat)	Dirofilaria immitis Ehrlichia canis Anaplasma phagocytophilum Anaplasma platys	Whole blood	PCRCQ3113	10 tests/box
QubeMDx ⁺ ™ Canine Blood infection assay (Babesia/Bburg)	Babesia spp. Borrelia burgdorferi	Whole blood	PCRCQ3114	10 tests/box
QubeMDx ⁺ ™ Canine GI assay (CPV/CCV)	Canine parvovirus Canine coronavirus	Stool, Rectal swab	PCRCQ3115	10 tests/box

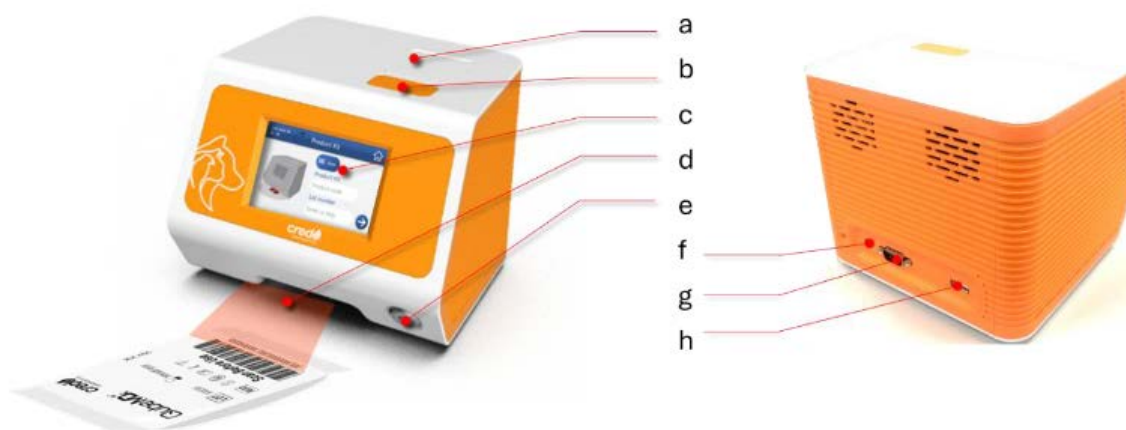
QubeMDx⁺™ - POCT (Point of Care Testing) Veterinary Molecular Diagnostic

Technical Data

Detection	450 – 750 nm
Fluorescence channels	3+1 (internal control)
Number of samples	1
Overall dimensions	155 x 165 x 205 mm
Display	4" Color Touchscreen
Weight	1.2 kg
Environmental conditions	10–38°C, 10–80% RH
Power supply	Input: AC 100-240 V, ca. 2.0 A, Max. 50-60 Hz Output: DC 12 V, 5 A

Handling

First, scan the barcode on the appropriate test kit. This allows the system to identify which pathogen is to be tested. Place the prepared sample in the device and start the test run. You will receive the results within approximately 20 minutes.



- a. Lid (test reaction well is inside)
- b. Button of the lid
- c. Touchscreen display
- d. Scanner
- e. Power button

- f. Power supply
- g. RS232 port: For printer connection
- h. USB flash drive port:
For datalogging including data, time, and result. (Compatible with USB 3.0 flash drives in FAT32 format only)