

## QUICK REFERENCE INSTRUCTIONS (QRI)

FOR VETERINARY USE ONLY



### Before you begin

- Store the Vcheck M Ehrlichia/Anaplasma cartridges at 2-28°C (36-82°F).
- This test is only for EDTA whole blood samples.
- Always wear clean gloves and follow your institution's safety policy when handling samples.

Scan the code to read the IFU



Refer to IFU for Warnings and Precautions, Sample Collection, Transport, and Storage, and Quality Control.

## TEST PROCEDURE

### 1. Starting the Vcheck M10 system

**1 Turn on M10**

Connect the M10 Console and Modules, then turn on each switch.



**2 Log in**

Enter user name and password, and touch the Log in button.



**3 Select M10 Module**

Touch the button of an available Module on the Home screen.



The status indicator will blink green, and the door opens automatically.



**4 Scan/Type Patient/Sample ID**

Scan the Patient/Sample ID using the integrated barcode reader of the M10 Console. (or type in using a virtual keyboard)



**5 Scan test Cartridge**

Scan the Cartridge barcode using the integrated barcode reader of the M10 Console.



**6 Sample loading guide**

Watch the animated guide for cartridge preparation and sample loading. Touch the screen to continue.



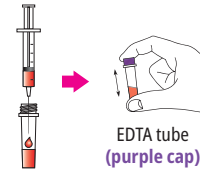
### 2. Loading a sample into the cartridge



Start the test within 10 minutes of loading the sample into the Vcheck M Ehrlichia/Anaplasma cartridge.

**1 Treat with EDTA**

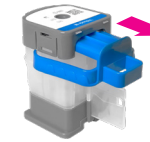
Put the collected whole blood into an EDTA tube and invert the tube 5-6 times.



EDTA tube (purple cap)

**2 Remove Safety Clip**

Remove the Safety Clip from the Cartridge.



**3 Pierce Cartridge**

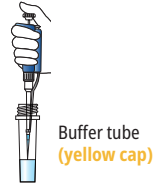
Press down on the lid to pierce the sealed cartridge.



Fully engage the cartridge groove

**4 Dilute Whole blood**

Using a pipette with white pipette tip, add 100 µl of blood into a buffer tube, and pipette for 5-6 times.



Buffer tube (yellow cap)

**5 Centrifuge**

Brief centrifugation of the solution is recommended. (not required)



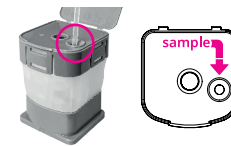
**6 Open Lid**

Open the lid of cartridge.



**7 Transfer Sample**

Using a pipette with blue pipette tip, dispense 600 µl of the sample into the sample hole.



**8 Close Cartridge lid**

Close the cartridge lid.



### 3. Running a test

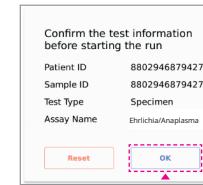
**1 Load Cartridge into the Module**

Place the cartridge into the assigned M10 Module and close the door manually.



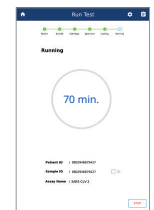
**2 Confirm the test**

After confirm the sample and cartridge information, touch the 'OK' button.



**3 Start Run**

The remaining time is displayed on the M10 Console monitor.



## RESULT INTERPRETATION

Result	Ehrlichia	Anaplasma	Internal Control
Ehrlichia/Anaplasma Positive	+	+	✓
Ehrlichia Positive	+	-	✓
Anaplasma Positive	-	+	✓
Ehrlichia/Anaplasma Negative	-	-	✓
Invalid / Re-Test	!	-	!