

RIDX™

E. canis Ab Test Kit

Ehrlichiosis is a tick-borne infectious disease of canines, caused by the bacterium *Ehrlichia canis*. This disease can cause high fevers, rash, lethargy, and bleeding. Some strains of *Ehrlichia* have the potential to cause serious diseases in people.

The RIDX™ E. canis Ab Test Kit is a diagnostic reagent that can quickly and easily detect *E. canis* antibodies in canine serum, plasma or whole blood within 10 minutes after dropping the sample.

Principal: Chromatographic immunoassay for the qualitative test
Specimen: Canine blood (whole blood, serum, plasma)

Components

- E. canis Ab test device (10 tests)
- Dilution buffer (1 vial)
- Disposable capillary tube (10 ea)
- Anti-coagulant tube (with EDTA, 10 ea)

Features

Sensitivity 98.4% (121/123) vs. IFA

Specificity 100% (305/305) vs. IFA

No Cross-reactivity with five canine pathogens (*Babesia*, CDV, CHV, *Leishmania*, and *Toxoplasma*)



Test Procedure

- Collect the whole blood sample and put it into the anti-coagulant tube (approximately 1 ml).

If you use whole blood
- Close the cap on the tube and invert it 5 times to mix the sample with EDTA.

5 times
- Take 10ul of the sample (whole blood, serum or plasma) using a capillary tube unto the blue line on the capillary tube.

10ul
- Add 10ul of the sample into the sample hole on the device.

10ul
- Add 4 drops of the sample dilution buffer into the sample hole on the device.

4 drops
- Read the result at 10 minutes.

Positive		Negative			
C	T	C	T		
+	+	-	-		
c	2	1	c	2	1

Invalid

C	T	C	T		
+	-	-	+		
c	2	1	c	2	1

CAT No.	Description	LIC No.	Type	Package size
CGM-VEB-11	RIDX E. canis Ab Test Kit	300-006	LFA*	10 Tests/Kit

* LFA: Lateral flow assay