

RIDX<sup>®</sup>

Canine Feline SFTSV Ag Test Kit

**Severe fever with thrombocytopenia syndrome virus (SFTSV)** is a tick-borne RNA virus belonging to the genus *Bandavirus* in the family *Phenuiviridae*. SFTSV is primarily affecting humans, but it also plays a significant role in domestic animals like dogs and cats.

The RIDX<sup>®</sup> Canine Feline SFTSV Ag Test Kit is a lateral flow chromatographic immunoassay for the detection of SFTSV in canine or feline whole blood or plasma within 15 minutes.

Principal: Chromatographic immunoassay for the qualitative test  
Specimen: Canine or feline blood (whole blood or plasma)

Components

- SFTSV Ag test device (10 tests)
- Dilution buffer (1 vial)
- Disposable capillary tube (10 ea)
- Anticoagulant tube (with EDTA, 10 ea)
- Instructions for use (1 sheet)

Features

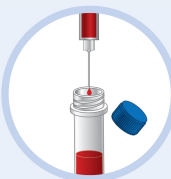
- Sensitivity** Canine: 86.0% (43/50) vs. PCR, Feline: 90.0% (45/50) vs. PCR
- Specificity** Canine: 100% (100/100) vs. PCR, Feline: 100% (100/100) vs. PCR
- Limit of Detection** 1 x 10<sup>2.8</sup> TCID<sub>50</sub>/ml
- No **cross-reactivities** with other pathogens in dogs and cats (CCV, CDV, CPV, FCV, FCoV, FPV, and FeLV)

Test Procedure

Whole Blood

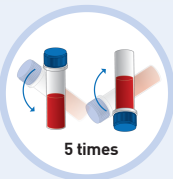
1

Collect the whole blood and put it into the EDTA tube (approximately 1 ml).



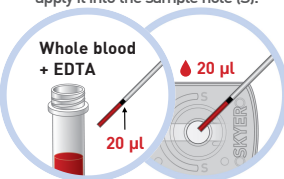
2

Close the cap on the tube and invert it 5 times to mix the sample with EDTA.




3

Take 20 µl of the anticoagulated whole blood using a capillary tube onto the black line on the tube and apply it into the sample hole (S).



4

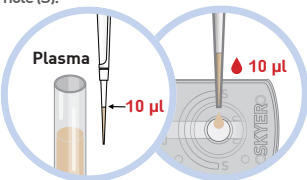
Apply 3 drops of the sample dilution buffer into the sample hole on the device.



Plasma


1

Take 10 µl of the prepared plasma using a micropipette and apply it into the sample hole (S).





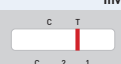
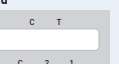
2

Apply 3 drops of the sample dilution buffer into the sample hole on the device.



R

Read the result at 15 minutes.

Positive	Negative
	
	

CAT No.	Description	LIC No.	Type	Package size
CGM-VSG-11	RIDX Canine Feline SFTSV Ag Test Kit	300-030	LFA*	10 Tests/Kit

\* LFA: Lateral flow assay