

RIDX®

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® 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

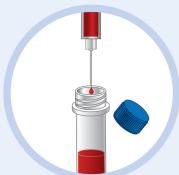
Limit of Detection $1 \times 10^{2.8}$ TCID₅₀/ml

No cross-reactivities with other pathogens in dogs and cats (CCV, CDV, CPV, FCV, FCoV, FPV, and FeLV)

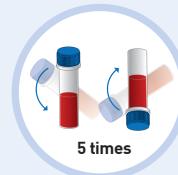
Test Procedure

Whole Blood

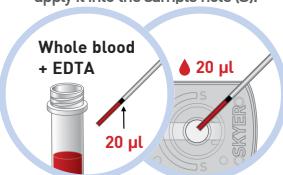
1 Collect the whole blood and put it into the EDTA tube (approximately 1 ml).



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



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

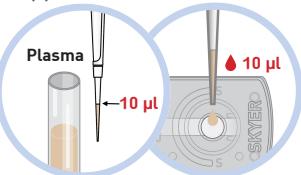


4 Apply 3 drops of the sample dilution buffer into the sample hole on the device.



Plasma

1 Take 10 μ l 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
C T	C T
C 2 1	C 2 1

Invalid
C T

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