

# RIDX<sup>®</sup> ASFV Ag Test Kit

**African swine fever (ASF)** is a lethal hemorrhagic fever of pigs with high mortality and morbidity rates. Currently, no treatments or vaccines are available to prevent ASF, so the control strategy mainly relies on the strict administration of sanitary measures and slaughtering of infected and exposed animals. Therefore, rapid and accurate diagnosis of the infections is essential for preventing, controlling, and exterminating of the disease in the fields.

The RIDX<sup>®</sup> ASFV Ag Test Kit is a lateral flow chromatographic immunoassay for the detection of African swine fever virus (ASFV) antigen in porcine blood.

Principal: Chromatographic immunoassay for the qualitative test  
Specimen: Porcine whole blood

## Components


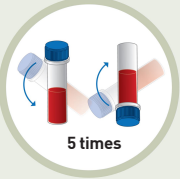
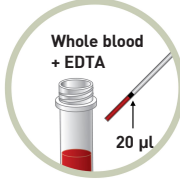
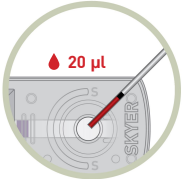

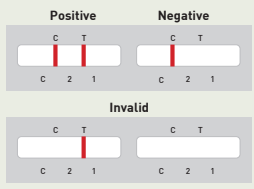
- ASFV Ag test device (10 tests)
- Dilution buffer (1 vial)
- Disposable capillary tube (10 ea)
- Anticoagulant tube (with EDTA, 10 ea)
- Instructions for use (1 sheet)

## Features

- Sensitivity** 83.33% (10/12) vs. PCR
- Specificity** 100% (435/435) vs. PCR
- Limit of Detection**  $5 \times 10^4$  TCID<sub>50</sub>/ml, 7.5 HAD<sub>50</sub>/ml
- No **cross-reactivity** with other porcine infectious pathogens (CSFV, JEV, PCV2, PRRSV, PEDV, and TGEV)



## Test Procedure

- 1 Collect the whole blood sample and put it into the anticoagulant 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 sample using a capillary tube unto the black line on the capillary tube.  

- 4 Apply 20 µl of the sample into the sample hole on the device.  

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

- 6 Read the result at 15 minutes.  


CAT No.	Description	LIC No.	Type	Package size
LGM-PAG-11	RIDX ASFV Ag Test Kit	300-024	LFA*	10 Tests/Kit

\* LFA: Lateral flow assay