

RIDX® 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® 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

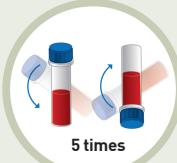
Sensitivity 83.33% (10/12) vs. PCR
Specificity 100% (435/435) vs. PCR
Limit of Detection 5×10^4 TCID₅₀/ml, 7.5 HAD₅₀/ml
No cross-reactivity with other porcine infectious pathogens (CSFV, JEV, PCV2, PRRSV, PEDV, and TGEV)

Test Procedure

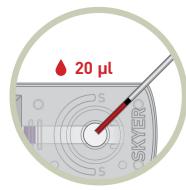
1 Collect the whole blood sample and put it into the anticoagulant tube (approximately 1 ml).



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



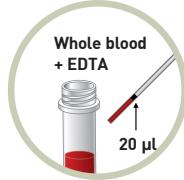
4 Apply 20 μ l of the sample into the sample hole on the device.



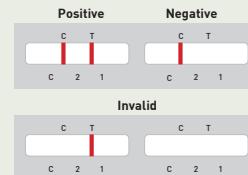
5 Apply 3 drops of the sample dilution buffer into the sample hole on the device.



3 Take 20 μ l of the anticoagulated sample using a capillary tube onto the black line on the capillary tube.



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