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## African Swine Fever Virus ASFV Testing Products

African swine fever (ASF) is a devastating infectious disease of pigs, usually deadly. No vaccine exists to combat this virus. It does not affect humans nor does it affect other animal species other than pigs and wild boars. It can be transmitted either via direct animal contact or via dissemination of contaminated food (e.g. sausages or uncooked meat).

African swine fever is a OIE listed disease. This means it is a transmissible disease that has the potential for very serious and rapid spread, irrespective of national borders, is of serious socio-economic or public health consequence and is of major importance in the international trade of animals and animal products.

## ASF Testing Technologies

Technology & Platforms	Advantage	Disadvantage	Application notes
<b>PCR or RT-PCR</b>	Accurate Sensitive Reliable Officiall adopted by OIE	Time consuming <b>Expensive</b> Need extra instrument	Gold standard in almost every country
<b>ELISA &amp; Rapid Tests</b>	Accurate Sensitive Reliable Officiall adopted by OIE		Suitable for small and middle size farms, applicable in field and lab testing
<b>Viral isolation and culture</b>	Accurate Sensitive Reliable Classical method for virus testing	Time consuming Complicated Need P3 labs	Only for research and lab use

## How to choose the technology & products for your testing?

Check local regulation first to get fully understanding of the current situation of ASF control, and then work with local officials to see if they require special technology for testing. If not, you can choose freely according to your budget, your purpose of testing. Here at Ringbio, we have all readily available commercial ASF antigen and antibody test kits for your application. From sample preparation to RT-PCR, from Rapid Test Kit to ELISA, your requirement is our motivation.



## ASFV-Ab Antibody ELISA Kit

**Product #: E39011**

A 96well plate immunoassay to detect ASFV antibody in 60min in serum, plasma.

Suitable for large sample screening.

Package size: One plate-96wells, 2plates-192wells.

## ASFV-Ab Antibody Rapid Test Kit

**Product #: C30011**

A rapid lateral flow immunoassay to detect ASFV antibody in 10min.

One drop of serum/plasma, with several drops of buffer

No instrument, no long time incubation

Package size: 50 tests.

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## ASFV-Ab Antigen ELISA Kit

**Product #: E39021**

A 96well plate immunoassay to detect ASFV antigen in 70min in serum, plasma, tissue extract.

Suitable for large sample screening.

Package size: One plate-96wells, 2plates-192wells.

## ASFV-Ag Antigen Rapid Test Kit

**Product #: C30021**

A rapid lateral flow immunoassay to detect ASFV antibody in 10min.

One drop of serum/plasma, with several drops of buffer

No instrument, no long time incubation

Package size: 50 tests.

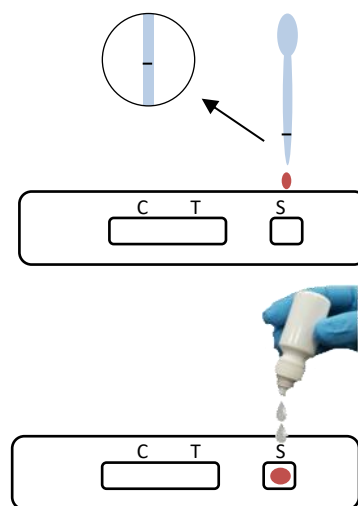
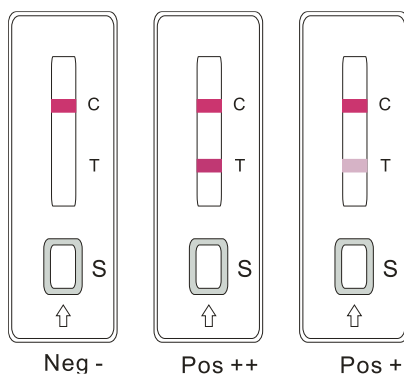
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## Schematic diagram of using the rapid test kit

- One drop of blood
- Four drops of buffer
- Wait for 10-15min
- Check the result
  - Positive: TWO line ( Control Line + Test Line )
  - Negative: Only Control Line
  - Invalid: No Control Line



Contact us today to get support.

More information can be found on our website

<https://www.ringbio.com/asf>

Check this url to watch the demo youtube video.

[https://youtu.be/81m25W\\_jYWA](https://youtu.be/81m25W_jYWA)

All information may subject to change, please always contact your sales rep for latest product information

Use this promotion material out of China only. Regulatory approval may require in certain countries.

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