



# Combating African Swine Fever?

Rely on virotype ASFV PCR Kit for accurate test results

## Features & specs

- Duplex real-time PCR (qPCR) for sensitive and highly specific detection of ASFV DNA
- Use of bioinformatics for the most up-to-date qPCR assay design
- Easy-to-use, ready-to-use reagents including a single reaction mix containing controls
- Endogenous Internal Control ( $\beta$ -actin)
- Multiple validated sample types (serum, plasma, EDTA blood, tissue and swabs) from pigs and wild boar
- Suitable for pools of 5 to 20\*
- Can be performed in one cyclers run with virotype CSFV RT-PCR Kit

## Rock solid proven performance

- Safe identification of all ASFV genotypes\*\*
- Approved in Germany by the Friedrich-Loeffler-Institut (FLI B-670), since 2015
- Validated by Reference Laboratories across Europe (e.g. Germany, Spain, Poland, Bulgaria, Denmark, UK)
- Fit for purpose according to 2018 EU ring trial\*\*

## Supply certainty & exceptional support

- We have been the trusted supplier of high quality qPCR test systems since 2007 – helping to control animal diseases (e.g. CSF, Bluetongue and BVD)
- High production capacity and safety stocks
- Excellent technical support by veterinarians



\*Provided that the sample quality is good (excluding swab samples). Pool recommendations and regulations may vary between countries. \*\*Data available on file

## virotype ASFV PCR Kit – references

The excellent performance of INDICAL's virotype ASFV PCR Kit has been demonstrated in a number of peer-reviewed publications, e.g. in Nature:

1 Zani L, Forth JH, Forth L, Nurmoja I, Leidenberger S, Henke J, Carlson J, Breidenstein C, Viltrop A, Höper D, Sauter-Louis C, Beer M, Blome S. **Deletion at the 5'-end of Estonian ASFV strains associated with an attenuated phenotype.** Sci Rep. 2018 Apr 25;8(1):6510. doi: 10.1038/s41598-018-24740-1 (<https://www.nature.com/articles/s41598-018-24740-1>)

2 Arias M, Jurado C, Gallardo C, Fernández-Pinero J, Sánchez-Vizcaino JM. **Gaps in African swine fever: Analysis and priorities.** Transbound Emerg Dis. 2018 May; 65 Suppl 1:235-247. doi: 10.1111/tbed.12695 (<https://doi.org/10.1111/tbed.12695>)



## Order information

Product	Short description	Cat. no. (number of PCR reactions)		
		S	M	L
virotype ASFV PCR Kit <sup>‡</sup>	qPCR assay for detection of DNA from African Swine Fever Virus (ASFV)	VT281903 (24)	VT281905 (96)	
virotype CSFV RT-PCR Kit <sup>‡</sup>	RT-qPCR assay for detection of RNA from Classical Swine Fever Virus (CSFV)	VT281803 (24)	VT281805 (96)	

<sup>‡</sup> Product availability/distribution: Outside the U.S. and Canada

A perfect match: Best results when combined with cador extraction kits for nucleic acid isolation suitable for high- and low-throughput testing.

Product	Short description	Cat. no. (number of PCR reactions)		
		S	M	L
MagAttract 96 cador Pathogen Kit	For automated isolation of viral RNA/DNA and bacterial DNA (Magnetic bead)			SP947457 (384)
MagAttract 96 cador Pathogen Kit w/o Plastics	For automated isolation of viral RNA/DNA and bacterial DNA e.g. on IndiMag 48 (Magnetic bead)			SP947257 (384)
QIAamp cador Pathogen Mini Kit	For isolation of viral RNA/DNA and bacterial DNA (Silica-membrane)	SP54104 (50)	SP54106 (250)	
cador Pathogen 96 QIAcube HT Kit	For automated high-throughput isolation of viral RNA/DNA and bacterial DNA (Silica-membrane)			SP54161 (480)

Learn more at: [www.indical.com](http://www.indical.com)

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# virotype ASFV 2.0 PCR Kit

Gain more control and confidence in detecting African Swine Fever Virus

- Triplex real-time PCR assay for rapid and highly reliable identification of all known ASFV genotypes
- Fast qPCR runtime of ~60 mins
- Double Internal Control System for a higher level of confidence in the interpretation of results: Endogenous Internal Control ( $\beta$ -actin) and Exogenous Internal Control
- Enhanced sensitivity and specificity
- Easy-to-use, ready-to-use reagents including a single reaction mix
- Multiple validated sample types (serum, plasma, EDTA blood, tissue, and swabs) from domestic pigs and wild boar
- Suitable for pools of 5 to 20 samples\*
- Approved in Germany by the Friedrich-Loeffler-Institut (FLI-C 079)
- Validated by renowned Reference Laboratories (e.g., BE, DK, DE, PL, ES, LV, and HU)

\*Provided that the sample quality is good and that the sampling is not swab-based. Pool recommendations and regulations may vary between countries.

# Certainty and excellence

INDICAL BIOSCIENCE has been the trusted supplier of high-quality qPCR test systems since 2007. We're continuing to do our part to help control animal diseases and outbreaks. We have a high production capacity and maintain considerable safety stocks. We also have exceptional technical support thanks to our experienced veterinarians and molecular biologists, who stand ready to answer your questions.



## Order information

Product	Short description	Cat. no. (number of PCR reactions)		
		S	M	L
virotype ASFV 2.0 PCR Kit†	Triplex real-time PCR assay for detection of DNA from African Swine Fever Virus (ASFV) in 60 mins		VT281925 (96)	

Get the best results in downstream testing with the right start. Our proven extraction kits for nucleic acid isolation are suitable for both high- and low-throughput workflows.

Product	Short description	Cat. no. (number of PCR reactions)		
		S	M	L
IndiMag Pathogen Kit (MagAttract 96 cador Pathogen Kit)	For automated extraction of viral RNA/DNA and bacterial DNA (Magnetic bead) <i>All in one box: Reagents and plasticware included for KingFisher Flex and equivalent instruments</i>			SP947457 (384)
IndiMag Pathogen Kit w/o plastics (MagAttract 96 cador Pathogen Kit w/o Plastics)	For automated extraction of viral RNA/DNA and bacterial DNA (Magnetic bead) <i>Choose if you use an IndiMag 48!</i>			SP947257 (384)
IndiSpin Pathogen Kit (QIAamp cador Pathogen Mini Kit)	For isolation of viral RNA/DNA and bacterial DNA (Silica membrane)	SP54104 (50)	SP54106 (250)	
IndiSpin QIAcube HT Pathogen Kit (cador Pathogen 96 QIAcube HT Kit)	For automated high-throughput isolation of viral RNA/DNA and bacterial DNA using the QIAcube HT (Silica membrane)			SP54161 (480)

†Product availability/distribution: Outside the U.S. and Canada

Learn more at: [landing.indical.com/asfv](https://landing.indical.com/asfv)

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