



# 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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