



# Veterinary Diagnostics Portfolio Overview

Improving diagnostics for  
better animal and human health

2020

## Sample preparation products

Target analyte	Product	Short description	Cat. no. (number of reactions)		
			S	M	L
DNA and RNA	IndiMag Pathogen Kit (Old name: MagAttract 96 cador Pathogen Kit)	For automated extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology <i>All-in-one box: reagents and plasticware for KingFisher Flex and equivalent instruments</i>			SP947457 (384)
DNA and RNA	IndiMag Pathogen Kit w/o plastics (Old name: MagAttract 96 cador Pathogen Kit w/o Plastics)	For automated extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology <i>Choose if you own an IndiMag 48!</i>			SP947257 (384)
DNA and RNA	IndiMag Pathogen IM48 Cartridge**	Prefilled cartridges for automated extraction of viral RNA/DNA and bacterial DNA with IndiMag 48	SP947654P608 (6 x 8)	SP947654P224 (2 x 24)	
DNA and RNA	IndiMag Pathogen KF96 Cartridge**	Prefilled cartridge for automated extraction of viral RNA/DNA and bacterial DNA with KingFisher 96 and equivalent instruments		SP947855P196 (1 x 96)	
DNA and RNA	BioSprint 96 One-For-All Vet Kit	For automated extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology			SP947057 (384)
DNA and RNA	IndiSpin Pathogen Kit (Old name: QIAamp cador Pathogen Mini Kit)	For isolation of viral RNA/DNA and bacterial DNA based on silica membrane technology	SP54104 (50)	SP54106 (250)	
DNA and RNA	IndiSpin QIAcube HT Pathogen Kit (Old name: cador Pathogen 96 QIAcube HT Kit)	For automated high-throughput isolation of viral RNA/DNA and bacterial DNA with QIAcube HT (Silica membrane technology)			SP54161 (480)
	QIAcube HT Plasticware	Plasticware for 480 preps on QIAcube HT			PW950067 (480)
DNA	IndiMag Mastitis Kit	For rapid and automated extraction of bacterial DNA from milk samples based on magnetic bead technology			SP947757 (384)
DNA	IndiSpin Mastitis Kit	For isolation of bacterial DNA from milk samples based on silica membrane technology		SP69805 (192)	
DNA and RNA	virotype Tissue Lysis Reagent	For fast lysis of various sample types (e.g., bovine ear tissue samples, tracheal swabs)		SP289992 (100 ml)	SP289993 (250 ml)
Protein	cattletype Milk Prep Kit	For concentration of IgG-antibodies from bovine milk samples	SP271906 (50)		

\*\*Available soon

## Instruments

PCR workflow step	Product	Short description	Cat. no. (number of reactions)		
			S	M	L
Sample prep/ instrument	IndiMag 48	Automated extraction system for rapid isolation of nucleic acids using magnetic bead technology		IN942048	
	IndiMag 48 PW 1-Sample Block	Plasticware (4-well blocks) for 368 x 1 sample on IndiMag 48	PW940123 (368)		
	IndiMag 48 PW 8-Sample Block	Plasticware (32-well blocks) for 70 x 8 samples on IndiMag 48		PW940166 (560)	
	IndiMag 48 PW 24-Sample Block	Plasticware (96-well blocks) for 28 x 24 samples on IndiMag 48			PW940187 (672)
	IndiMag 48 PW Rod Cover	Rod cover (8-strips) for 84 x 8 samples on IndiMag 48			PW940237 (672)

## Ruminant assays<sup>‡</sup>



Cat. no. (number of PCR reactions/ELISA plates)

Pathogen investigated	Product	Technology	S	M	L
Bluetongue Virus (BTV)	virotype BTV pan/8 RT-PCR Kit virotype BTV pan/4 RT-PCR Kit	RT-qPCR (Multiplex) RT-qPCR (Multiplex)	VT280443 (24)	VT280445 (96) VT280455 (96)	
Bovine Herpes Virus 1 (BHV1 gB, BHV1 gE, IBR)	cattletype BHV1 gB Ab cattletype BHV1 gE Ab	ELISA ELISA		CT270043 (5) CT270203 (5)	CT270045 (20) CT270205 (20)
Bovine Viral Diarrhea Virus (BVDV)	virotype BVDV RT-PCR Kit	RT-qPCR	VT280373 (24)	VT280375 (96)	VT280377 (480)
<i>Coxiella burnetii</i> (Q Fever)	<b>NEW!</b> bactotype <i>C. burnetii</i> PCR Kit	qPCR		BT285885 (96)	
Mastitis causing bacteria	bactotype Mastitis Screening PCR Kit bactotype Mastitis HP3 PCR Kit bactotype Mastitis HP2+ PCR Kit bactotype Mastitis Env PCR Kit	qPCR (Multiplex) qPCR (Multiplex) qPCR (Multiplex) qPCR (Multiplex)		BT280005 (96) BT280045 (96) BT280025 (96) BT280035 (96)	
<i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> (MAP, Johne's disease)	bactotype MAP PCR Kit cattletype MAP Ab	qPCR ELISA	BT285903 (24)	BT285905 (96) CT270803 (5)	BT285907* (480) CT270805* (20)
Schmallenberg Virus (SBV)	virotype SBV RT-PCR Kit	RT-qPCR	VT281603 (24)	VT281605 (96)	
Ruminant Interferon-gamma	cattletype IFN-gamma	ELISA	CT270401 (1)		

\*Available only on request ‡Product availability/distribution: Outside the U.S. and Canada

## Swine assays<sup>‡</sup>



Cat. no. (number of PCR reactions/ELISA plates)

Pathogen investigated	Product	Technology	S	M	L
African Swine Fever Virus (ASFV)	virotype ASFV PCR Kit <b>NEW!</b> virotype ASFV 2.0 PCR Kit	qPCR qPCR	VT281903 (24)	VT281905 (96) VT281925 (96)	
Classical Swine Fever Virus (CSFV)	virotype CSFV RT-PCR Kit pigtype CSFV E <sup>rn5</sup> Ab	RT-qPCR ELISA	VT281803 (24) PT272301 (1)	VT281805 (96) PT272303 (5)	
Influenza A Virus	virotype Influenza A RT-PCR Kit	RT-qPCR	VT282603 (24)	VT282605 (96)	
Porcine Epidemic Diarrhea Virus (PEDV), Transmissible Gastroenteritis Virus (TGEV)	virotype PEDV/TGEV RT-PCR Kit	RT-qPCR (Multiplex)		VT283605 (96)	
Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)	virotype PRRSV RT-PCR Kit pigtype PRRSV Ab	RT-qPCR (Multiplex) ELISA	VT282303 (24)	VT282305 (96) PT272753 (5)	VT282307* (480)
Salmonella	pigtype Salmonella Ab	ELISA	PT273001 (1)	PT273003 (5)	PT273005 (20)
<i>Toxoplasma gondii</i>	pigtype Toxoplasma Ab	ELISA		PT273403 (5)	
<i>Trichinella</i> spp.	pigtype Trichinella Ab	ELISA	PT273501 (1)		
<i>Yersinia</i> spp.	pigtype Yersinia Ab	ELISA	PT273801 (1)		

\*Available only on request ‡Product availability/distribution: Outside the U.S. and Canada

## Avian/Poultry assays<sup>‡</sup>



Cat. no. (number of PCR reactions/ELISA plates)

Pathogen investigated	Product	Technology	S	M	L
Influenza A Virus	virotype Influenza A RT-PCR Kit NEW! virotype Influenza A H5/H7/H9 RT-PCR Kit flocktype AIV Ab	RT-qPCR RT-qPCR (Multiplex) ELISA	VT282603 (24) FT274012 (2)	VT282605 (96) VT282705 (96)	
<i>Mycoplasma gallisepticum</i> and <i>Mycoplasma synoviae</i> (Mg/Ms)	bactotype Mycoplasma Mg/Ms PCR Kit	qPCR (Multiplex)	BT288103 (24)	BT288105 (96)	
<i>Mycoplasma synoviae</i>	flocktype Mycoplasma Ms Ab	ELISA	FT274602 (2)		
Salmonella	flocktype Salmonella Ab	ELISA	FT275702 (2)		

\*Available only on request \*\*Available soon ‡Product availability/distribution: Outside the U.S. and Canada

## Equine assays<sup>‡</sup>



Cat. no. (number of PCR reactions/ELISA plates)

Pathogen investigated	Product	Technology	S	M	L
Influenza A Virus	virotype Influenza A RT-PCR Kit	RT-qPCR	VT282603 (24)	VT282605 (96)	
<i>Taylorella equigenitalis</i>	cador T. equigenitalis PCR Kit	qPCR	CD285023 (24)		
<i>Taylorella equigenitalis</i> , <i>Klebsiella pneumoniae</i> , <i>Pseudomonas aeruginosa</i>	cador TKP PCR Reagent	qPCR (Multiplex)		CD285115 (96)	

\*Available only on request \*\*Available soon ‡Product availability/distribution: Outside the U.S. and Canada

## What's new



### IndiMag 48 and IndiMag Pathogen Cartridges

Compact, stand-alone instrument for magnetic bead-based extraction of nucleic acids:

- Plug and play with pre-loaded protocols
- 1 to 48 samples per run in just 30 mins
- Modular plastics to minimize plastic waste

Sample preparation has never been faster and easier than with our ready-to-use, pre-filled extraction cartridges coming soon for IndiMag 48 and KingFisher platforms.



### virotype Influenza A H5/H7/H9 RT-PCR Kit

Our new test detects all the currently circulating European, North American and Asian strains and clades.

The virotype Influenza A H5/H7/H9 RT-PCR Kit enables for simultaneous detection and differentiation of Avian Influenza H5, H7, and H9 in a single cyclor run! It's suitable for domestic and wild birds, including chickens and turkeys.



### Gain more control in combating African Swine Fever

INDICAL's advanced molecular testing solutions enable you to isolate and accurately identify the DNA of the African Swine Fever Virus with our IndiMag/IndiSpin extraction and virotype ASFV PCR kits.

Contact us today for further information including ring trial results, validation data and references.

## Selected reagents (Master Mixes, Primers/Probes, Controls)

Target analyte	Product	Short description	Cat. no. (number of reactions)		
			S	M	L
DNA	intype IC-DNA	Control DNA for qPCR (amplification control/positive control for DNA extraction)	IC289980 (1 ml)		
RNA	intype IC-RNA	Control RNA for RT-qPCR (amplification control/positive control for RNA extraction)	IC289970 (1 ml)		
RNA	virotype Mix +IC(TAMRA)-RNA	For RT-qPCR of viral RNA and Internal RNA Control		MX289957 (480)	MX289959 (4800)
RNA	virotype PEDV/TGEV/PDCoV Primers/Probes	Primers and probes for amplification of RNA from Porcine Epidemic Diarrhea Virus, Transmissible Gastroenteritis Virus, and Porcine Deltacoronavirus in multiplex RT-qPCR		PR283687 (480)	PR283689 (4800)
RNA	virotype PEDV/TGEV/PDCoV Positive Control	Synthetically derived RNA of Porcine Epidemic Diarrhea Virus, Transmissible Gastroenteritis Virus, and Porcine Deltacoronavirus in buffer		PC283687 (30)	PC283689 (300)
DNA	virotype Mix +IC(JOE)-DNA	For qPCR of bacterial and viral DNA and Internal DNA Control	MX289975 (96)		
DNA	virotype PCV2/PCV3 Primers/Probes	Primers and probes for amplification of DNA from Porcine Circovirus 2 and Porcine Circovirus 3	PR283685 (96)	PR285687 (480)	
DNA	virotype PCV2/PCV3 Positive Control	Synthetically derived DNA of Porcine Circovirus 2 and Porcine Circovirus 3	PC285685 (30)	PC285687 (60)	
RNA	NEW! virotype Mix +IC(JOE)-RNA	For RT-qPCR of viral RNA and Internal RNA Control	MX299935 (96)		
RNA	NEW! virotype PRRSV NA/EU Primers/Probes	Primers and probes for amplification of RNA from Porcine Reproductive and Respiratory Syndrome Virus	PR282335 (96)		
RNA	NEW! virotype PRRSV NA/EU Positive Control	Synthetically derived RNA of Porcine Reproductive and Respiratory Syndrome Virus	PC282335 (30)		
RNA	virotype RT/Mix +IC-RNA	For RT-qPCR of viral RNA and Internal Control RNA		MX280377 (480)	
RNA	virotype BVDV Primers/Probes	Primers and probes for amplification of RNA from Bovine Viral Diarrhea Virus in real-time RT-qPCR		PR280377 (480)	
RNA	virotype BVDV Positive Control	Synthetically derived RNA of Bovine Viral Diarrhea Virus in buffer		PC280377 (60)	
DNA	cadov B. hyodysenteriae Primers/Probes	Primers and probes for amplification of DNA from <i>Brachyspira hyodysenteriae</i>	PR285235 (96)		
DNA	cadov B. hyodysenteriae Positive Control	Synthetically derived DNA of <i>Brachyspira hyodysenteriae</i>	PC285235 (40)		

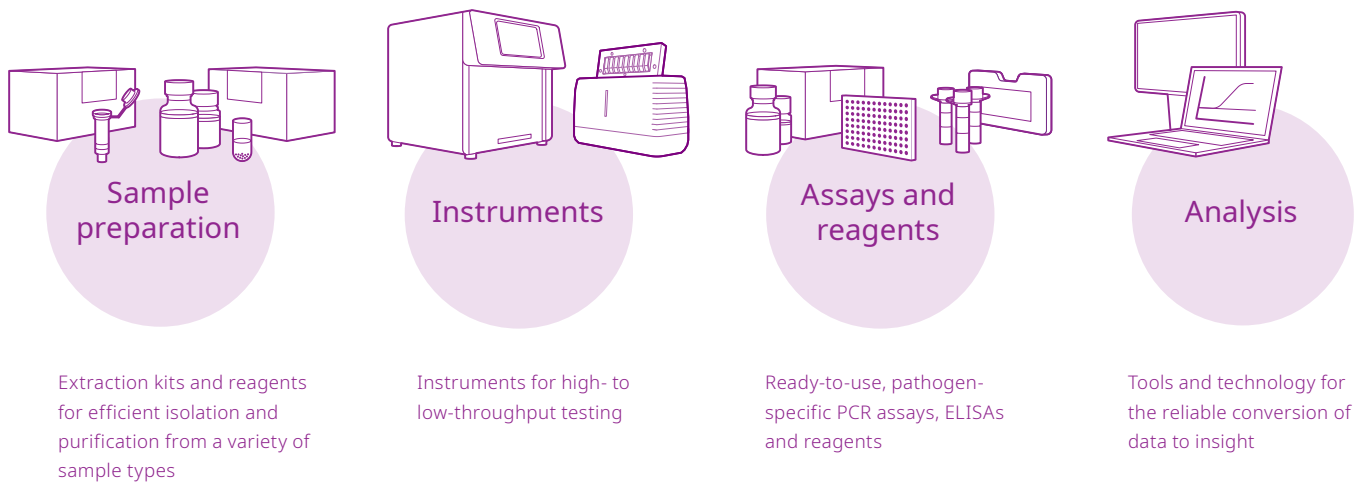
## Analysis – Software

PCR workflow step	Product	Technology	Short description	Cat. no.
Analysis (Data interpretation)	bactotype Mastitis Software	Software	Calculation of results and findings using bactotype Mastitis Test System from INDICAL	SW280001

# INDICAL provides solutions for your entire workflow

With over two decades of experience, INDICAL is a leading provider of molecular diagnostic workflows, the protocols for their use, and the associated technical support required for their implementation and continued use. We strive to enable our customers to perform at their peak in reliably identifying animal diseases, with the intention of protecting animal and human health.

Rely on our industry-leading diagnostic solutions for veterinary testing and pathogen research, which include:



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