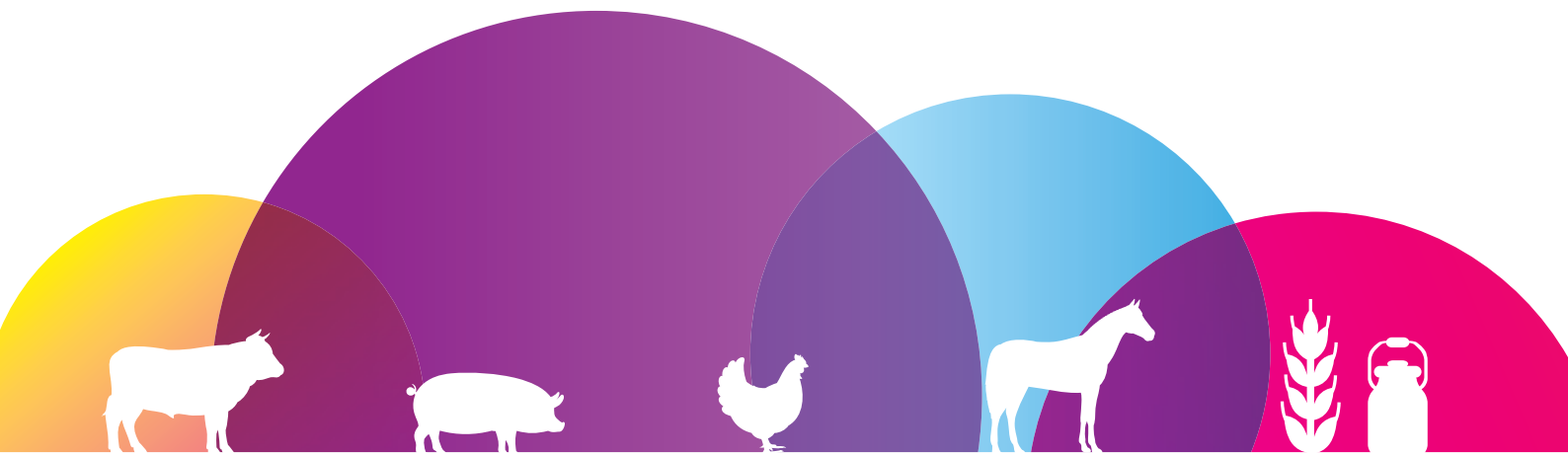


Veterinary Diagnostics Portfolio Overview

Complete solutions for veterinary
testing and pathogen research



Sample preparation products

Target analyte	Product	Short description	Cat. no. (number of preps)		
			S	M	L
DNA and RNA	MagAttract 96 cadior Pathogen Kit	For rapid and automated purification of viral RNA/DNA and bacterial DNA from a wide range of animal samples based on magnetic bead technology All-in-one box: reagents and plasticware included!			SP947457 (384)
DNA and RNA	NEW! MagAttract 96 cadior Pathogen Kit w/o Plastics	For rapid and automated purification of viral RNA/DNA and bacterial DNA from a wide range of animal samples based on magnetic bead technology			SP947257 (384)
DNA and RNA	BioSprint 96 One-For-All Vet Kit	For automated purification of viral RNA/DNA and bacterial DNA based on magnetic bead technology			SP947057 (384)
DNA and RNA	QIAamp cadior Pathogen Mini Kit	For isolation of viral RNA/DNA and bacterial DNA from a wide range of animal sample types based on silica-membrane technology	SP54104 (50)	SP54106 (250)	
DNA and RNA	cadior Pathogen 96 QIAcube HT Kit	For automated high-throughput isolation of viral RNA/DNA and bacterial DNA from a wide range of animal sample types based on silica-membrane technology			SP54161 (480)
	QIAcube HT Plasticware	Plasticware for 480 preps on QIAcube HT			PW950067 (480)
DNA	MagAttract Mastitis Kit	For rapid and automated purification of bacterial DNA from milk based on magnetic bead technology			SP947757 (384)
DNA	DNeasy Mastitis Mini Kit	For purification of bacterial DNA from milk 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)
DNA	cattletype Milk Prep Kit	For concentration of antibodies from bovine milk samples	SP271906 (50)		

Instruments

PCR workflow step	Product	Short description	Cat. no. (number of preps)		
			S	M	L
Sample prep	NEW! IndiMag 48	Fully automatic extraction system for rapid isolation of nucleic acids using magnetic bead technology		IN947048	
	IndiMag PW 4-Well Blocks	Plasticware (4-well blocks) for 300 preps on IndiMag 48	PW940123 (300)		
	IndiMag PW 32-Well Blocks	Plasticware (32-well blocks) for 560 preps on IndiMag 48		PW940166 (560)	
	IndiMag PW 96-Well Blocks	Plasticware (96-well blocks) for 672 preps on IndiMag 48			PW940187 (672)
	IndiMag PW 8-Strips	Rod cover (8-strips) for 672 preps on IndiMag 48			PW940237 (672)

*Available only on request. **Available soon.

Ruminant assays



Pathogen investigated	Product	Technology	Cat. no. (number of PCR reactions/ELISA plates)		
			S	M	L
Bluetongue Virus (BTV)	virotype BTV pan/8 RT-PCR Kit	RT-qPCR (Multiplex)	BT280443 (24)	BT280445 (96)	
	virotype BTV pan/4 RT-PCR Kit	RT-qPCR (Multiplex)		BT280455 (96)	
Bovine Herpes Virus 1 (BHV1 gB, BHV1 gE, IBR)	cattletype BHV1 gB Ab	ELISA		CT270043 (5)	CT270045 (20)
	cattletype BHV1 gE Ab	ELISA		CT270203 (5)	CT270205 (20)
Bovine Viral Diarrhea Virus (BVDV)	virotype BVDV RT-PCR Kit	RT-qPCR	VT280373 (24)	VT280375 (96)	VT280377 (480)
Mastitis causing bacteria	bactotype Mastitis HP3 PCR Kit	qPCR (Multiplex)		BT280045 (96)	
	bactotype Mastitis Screening PCR Kit	qPCR (Multiplex)		BT280005 (96)	
	bactotype Mastitis HP2+ PCR Kit	qPCR (Multiplex)		BT280025 (96)	
	bactotype Mastitis AMR PCR Kit**	qPCR (Multiplex)		BT280015 (96)**	
	bactotype Mastitis Env PCR Kit	qPCR (Multiplex)		BT280035 (96)	
<i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> (MAP, Johne's disease)	bactotype MAP PCR Kit	qPCR	BT285903 (24)	BT285905 (96)	BT285907* (480)
	cattletype MAP Ab	ELISA		CT270803 (5)	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)		

Swine assays



Pathogen investigated	Product	Technology	Cat. no. (number of PCR reactions/ELISA plates)		
			S	M	L
African Swine Fever Virus (ASFV)	virotype ASFV PCR Kit	qPCR	VT281903 (24)	VT281905 (96)	
Classical Swine Fever Virus (CSFV)	virotype CSFV RT-PCR Kit	RT-qPCR	VT281803 (24)	VT281805 (96)	
	pigtype CSFV E ^{ns} Ab	ELISA	PT272301 (1)	PT272303 (5)	PT272305 (20)*
<i>Brachyspira hyodysenteriae</i>	bactotype B.Hyo PCR Kit**	qPCR		BT285605 (96)**	
Influenza A Virus	virotype Influenza A RT-PCR Kit	RT-qPCR	VT282603 (24)	VT282605 (96)	
Porcine Epidemic Diarrhea Virus (PEDV), Transmissible Gastroenteritis Virus (TGEV), Porcine Deltacoronavirus (PDCoV)	virotype PEDV/TGEV RT-PCR Kit	RT-qPCR (Multiplex)		VT283605 (96)	
	virotype PEDV/TGEV/PDCoV RT-PCR Kit**	RT-qPCR (Multiplex)		VT283685 (96)	
Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)	virotype PRRSV RT-PCR Kit	RT-qPCR (Multiplex)		VT282305 (96)	VT282307* (480)
	pigtype PRRSV Ab	ELISA		PT272753 (5)	PT272755* (20)
	pigtype PRRSV Ab OF**	ELISA	PT272771 (1)**		
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)		

Avian/Poultry assays



Pathogen investigated	Product	Technology	Cat. no. (number of PCR reactions/ELISA plates)		
			S	M	L
Influenza A Virus	virotype Influenza A RT-PCR Kit	RT-qPCR	VT282603 (24)	VT282605 (96)	
	flocktype AIV Ab	ELISA	FT274012 (2)		
<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)		

Equine assays



Pathogen investigated	Product	Technology	Cat. no. (number of PCR reactions/ELISA plates)		
			S	M	L
<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)		

New products



Introducing IndiMag 48

Fully automatic extraction system from INDICAL for rapid isolation of nucleid acids from a broad variety of sample types using magnetic bead technology.

- Throughput: 1 to 48 extractions per run in just 30 minutes
- Small footprint
- Simple, easy-to-use touchscreen/interface
- Pre-loaded protocols for MagAttract 96 cador Pathogen Kit (SP947257, SP947457) and MagAttract Mastitis Kit (SP947757)

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

Target analyte	Product	Short description	Cat. no. (number of preps)		
			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)		
DNA	virotype Mix + IC-DNA	For qPCR of pathogen DNA and internal DNA Control	MX289975 (96)		
RNA	virotype Mix + IC-RNA	For RT-qPCR of pathogen RNA and Internal RNA Control		MX289957 (480)	MX289959 (4800)
RNA	virotype PEDV/TGEV/PDCoV Primers/Probes	Primers and probes for amplification of RNA of 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 (480)	PC283689 (4800)
DNA	virotype PCV2/PCV3 Primers/Probes	Primers and probes for amplification of DNA of Porcine Circovirus 2 and Porcine Circovirus 3	PR283685 (96)		
DNA	virotype PCV2/PCV3 Positive Control	Synthetically derived DNA of Porcine Circovirus 2 and Porcine Circovirus 3	PC285685 (96)		

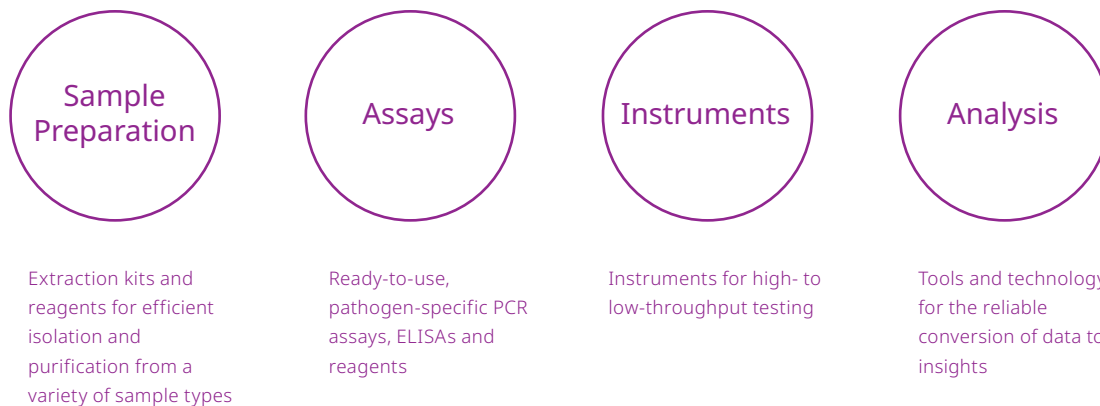
Analysis – Software

PCR workflow step	Product	Technology	Short description	Cat. no.
Analysis (Data interpretation)	BVD Pool Manager	PCR	The BVDV Pool Manager is a flexible control and data processing software for the automated investigation of ear notch samples with the virotype BVDV RT-PCR Test System.	Inquire
Analysis (Data interpretation)	bactotype Mastitis Software**	PCR	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 (formerly QIAGEN Leipzig) is a leading solution provider for molecular diagnostic workflows, the protocols for their use, and the support that empowers our customers every day. Our products help you to reliably identify animal diseases to protect animal and human health.

Produced at our world-class facilities in Leipzig, Germany, our extensive portfolio brings you the latest technology and development. Rely on our industry-leading diagnostic solutions for veterinary testing and pathogen research, that include:



Learn more at: www.indical.com

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