

Veterinary Diagnostics Portfolio

Improving diagnostics for
better animal and human health





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Healthy animals are key to any One Health strategy. INDICAL is a global leader in the development of complete solutions for molecular and immunological veterinary testing. By improving diagnostic technologies, we help to identify, prevent, monitor, and eradicate animal diseases. Our diagnostic workflows are relied on by veterinarians and organizations worldwide, including government agencies, laboratories, research institutes, and producers. We are committed to providing industry-leading products along with personalized service and support.

What's new?



Boost the efficiency of nucleic acid extraction with IndiMag prefilled cartridges

Save significant hands-on time and reduce plastic waste with IndiMag prefilled reagent Cartridges. Simply add the lysis buffer and your sample(s), and you're ready. Designed for use on IndiMag 48 and IndiMag 48s. Also available for KingFisher platforms.

shop.indical.com/indimag48s



Simultaneously detect and differentiate AIV H5, H7, and H9 variants

The virotype Influenza A H5/H7/H9 RT-PCR Kit enables simultaneous detection and differentiation of Avian Influenza H5, H7, and H9 in a single run. It's suitable for samples from domestic and wild birds, including chickens and turkeys. Our assay detects all the currently circulating European, North American, and Asian strains and clades.

landing.indical.com/avian-flu/



Gain more control in combating African Swine Fever

Isolate and accurately identify the DNA of the African Swine Fever Virus with our advanced workflows from extraction to detection in the lab and in the field. Contact us for further information including ring trial results, validation data, and references.

landing.indical.com/asfv



Get SVANOVIR assays exclusively from INDICAL

Effective April 2021, Swedish veterinary diagnostics pioneer Svanova joined the INDICAL family and became INDICAL Sweden AB. The SVANOVIR ELISA product range is now available exclusively from INDICAL.

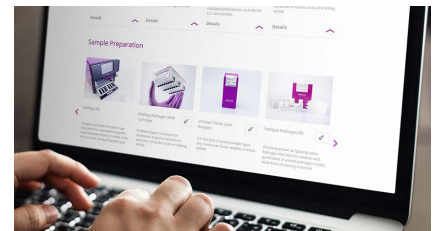
shop.indical.com/svanovir



Efficiently identify significant companion animal pathogens

Our offering now includes ELISA kits for the reliable detection of antibodies to parasitic and vector-transmitted companion animal pathogens. Experienced German producer AFOSA is now part of INDICAL, helping expand our portfolio to improve the welfare of even more animals.

shop.indical.com/afosa



Discover the expanding portfolio of INDICAL solutions online

Easily browse our extended product portfolio in the INDICAL Online Shop. Request an account for full access to the following features: latest handbooks and product media, more convenient ordering and reordering, and special offers and discounts.

shop.indical.com

Nucleic acid extraction reagents, kits, and prefilled cartridges

Product	Short description	Cat. no. (number of preps)		
		S	M	L
IndiMag Pathogen Kit	Extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology. Designed for the KingFisher Flex and equivalent instruments. <i>All-in-one box: reagents and plasticware for KingFisher Flex</i>			SP947457 (384)
BioSprint 96 One-For-All Vet Kit	Extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology. Designed for the KingFisher Flex and equivalent instruments. <i>All-in-one box: reagents and plasticware for KingFisher Flex</i>			SP947057 (384)
IndiMag Pathogen Kit w/o plastics	Extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology. Designed for the IndiMag 48, IndiMag 48s, and/or KingFisher Flex and equivalent instruments.			SP947257 (384)
IndiMag Mastitis Kit	Extraction of bacterial DNA from milk samples based on magnetic bead technology. Designed for the IndiMag 48, IndiMag 48s, and/or KingFisher Flex and equivalent instruments. <i>Please order plasticware separately</i>			SP947757 (384)
NEW! IndiMag Pathogen IM48 Cartridge	Prefilled reagent cartridges for automated extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology. Designed for the IndiMag 48 and IndiMag 48s.	SP947654P608 (6 x 8)	SP947654P224 (2 x 24)	
NEW! IndiMag Pathogen KF96 Cartridge	Prefilled reagent cartridge for automated extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology. Designed for the KingFisher Flex and equivalent instruments.		SP947855P196 (1 x 96)	
IndiSpin Pathogen Kit	Extraction of viral RNA/DNA and bacterial DNA based on silica membrane technology.	SP54104 (50)	SP54106 (250)	
IndiSpin QIAcube HT Pathogen Kit	Extraction of viral RNA/DNA and bacterial DNA based on silica membrane technology. Designed for the QIAcube HT.			SP54161 (480)
IndiSpin Mastitis Kit	Extraction of bacterial DNA from milk samples based on silica membrane technology.		SP69805 (192)	
virotype Tissue Lysis Reagent	Fast lysis of various sample types, including bovine ear tissue and avian tracheal swabs.		SP289992 (100 mL)	SP289993 (250 mL)
cattletype Milk Prep Kit	For concentration of IgG-antibodies from bovine milk samples.	SP271906 (50)		

For greater efficiency, choose IndiMag prefilled Cartridges

- Save significant hands-on time and plastics with IndiMag prefilled reagent Cartridges
- Simply add the lysis buffer and your sample(s)
- Available in 8 and 24 sample size formats for IndiMag 48 and IndiMag 48s
- Also available in a 96 sample size format for KingFisher Flex and equivalent instruments
- Proven performance



Fast and versatile nucleic acid extraction

IndiMag 48s is a compact, versatile, and easy-to-use instrument for automated magnetic bead-based extraction of nucleic acids.

- Just 30 minutes and up to 48 samples per run
- Pre-loaded protocols for IndiMag kits
- Open software for easy protocol customization
- Effective decontamination using UV light
- Compact footprint to fit any lab
- Optimized plastics use thanks to 3 flexible cartridge formats



Product	Short description	Cat. no.
IndiMag 48s	Automated system for rapid extraction of nucleic acids using magnetic bead technology	IN943048s
NEW! IndiMag 48s Service Solutions	Extended warranty for 2–4 years to ensure maximum productivity and instrument uptime. For further details, please contact us.	IMG48SERV

IndiMag 48 and IndiMag 48s – compatible plastics

Product	Short description	Cat. no. (number of preps)		
		S	M	L
IndiMag 48 PW 1-Sample Block	Plasticware (4-well blocks) for 368 x 1 sample on IndiMag 48/48s	PW940123 (368)		
IndiMag 48 PW 8-Sample Blocks	Plasticware (32-well blocks) for 70 x 8 samples on IndiMag 48/48s		PW940166 (560)	
IndiMag 48 PW 24-Sample Blocks	Plasticware (96-well blocks) for 28 x 24 samples on IndiMag 48/48s			PW940187 (672)
IndiMag 48 PW Rod Cover	Rod cover (8-strips) for 84 x 8 samples on IndiMag 48/48s			PW940237 (672)

IndiMag 48 and IndiMag 48s – spare parts

Product	Cat. no. (pcs)		Product	Cat. no. (pcs)
	For IndiMag 48	For IndiMag 48s		IndiMag 48s
UV lamp	1300001 (1)	1300002 (1)	Cartridge adapter	1300015 (2)
Fuse	1300003 (2)	1300004 (2)	Power cord US	1300016 (1)
Magnetic rod	1300005 (1)	1300006 (1)	Power cord CN	1300017 (1)
Calibration plate	1300007 (2)	1300008 (2)	Power cord UK	1300018 (1)
Filling adapter	1300009 (1)	1300010 (1)		
Centrifuge cartridge adapter	1300011 (1)	1300012 (1)		
Magnetic stand	1300013 (1)	1300014 (1)		

Generic master mixes and internal controls

Target analyte	Product	Short description	Cat. no. (mL)		
			S	M	L
DNA and RNA	IndiMix JOE	RT-qPCR master mix with primers and probes for extraction and amplification control. For use with intype IC products.	MX299945 (1.5 mL)		
DNA	intype IC-DNA	DNA template control for qPCR (amplification control/positive control for DNA extraction)	IC289980 (1 mL)		
RNA	intype IC-RNA	RNA template control for RT-qPCR (amplification control/positive control for RNA extraction)	IC289970 (1 mL)		

Specific master mixes to be used with our virotype primers and probes

Target analyte	Product	Short description	Cat. no. (number of reactions)		
			S	M	L
DNA	virotype Mix +IC(JOE)-DNA	qPCR master mix and internal DNA control, for bacterial and viral DNA	MX289975 (96)	MX289977 (480)	
RNA	virotype Mix +IC(JOE)-RNA	RT-qPCR master mix and internal RNA control, for viral RNA	MX299935 (96)		
RNA	virotype Mix +IC(TAMRA)-RNA	RT-qPCR master mix and internal RNA control, for viral RNA	MX289955 (96)	MX289957 (480)	MX289959 (4800)
RNA	virotype RT/Mix +IC-RNA	RT-qPCR master mix and internal RNA control, for viral RNA		MX280377* (480)	



Ruminant assays[†]



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 Coronavirus (BCV)	NEW! SVANOVIR BCV-Ab	ELISA	SV-104887 (2)		
Bovine Herpes Virus 1 (BHV1 gB, BHV1 gE, IBR)	cattletype BHV1 gB Ab cattletype BHV1 gE Ab NEW! SVANOVIR IBR-Ab (confirmation)	ELISA ELISA ELISA		CT270043 (5) CT270203 (5) SV-104879 (10)	CT270045 (20) CT270205 (20)
Bovine Parainfluenza Virus Type 3 (PIV3)	NEW! SVANOVIR PIV3-AB	ELISA	SV-104889 (2)		
Bovine Respiratory Syncytial Virus (BRSV)	NEW! SVANOVIR BRSV-Ab	ELISA	SV-104888 (2)		
Bovine Viral Diarrhea Virus (BVDV)	virotype BVDV RT-PCR Kit NEW! SVANOVIR BVDV-Ab (screening) NEW! SVANOVIR BVDV-Ab (confirmation)	RT-qPCR ELISA ELISA	VT280373 (24)	VT280375 (96) SV-104883 (10) SV-104882 (10)	VT280377 (480)
<i>Brucella</i> species (Brucellosis)	NEW! SVANOVIR Brucella-Ab C-ELISA NEW! SVANOVIR Brucella-Ab I-ELISA	ELISA ELISA	SV-104893 (2)	SV-104894 (10) SV-104890 (10)	
<i>Coxiella burnetii</i> (Q Fever)	bactotype <i>C. burnetii</i> PCR Kit	qPCR		BT285885 (96)	
<i>Fasciola hepatica</i>	NEW! SVANOVIR <i>F. hepatica</i> -Ab	ELISA	SV-104896 (2)		
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)
<i>Neospora caninum</i>	NEW! SVANOVIR <i>Neospora</i> -Ab	ELISA	SV-104898 (2)		
<i>Ostertagia ostertagi</i>	NEW! SVANOVIR <i>O. ostertagi</i> -Ab	ELISA	SV-104897 (2)		
Ruminant interferon-gamma	cattletype IFN-gamma	ELISA	CT270401* (1)		
Schmallenberg Virus (SBV)	virotype SBV RT-PCR Kit	RT-qPCR	VT281603 (24)	VT281605 (96)	

*Available only on request †Product availability/distribution: outside the U.S. and Canada

qPCR reagents (primers/probes, controls)

Cat. no. (number of reactions)

Pathogen invested	Product	Short description	S	M	L
Bovine Viral Diarrhea Virus (BVDV)	virotype BVDV Primers/Probes virotype BVDV Positive Control	Primers and probes for amplification of RNA from Bovine Viral Diarrhea Virus in RT-qPCR Synthetically derived RNA of Bovine Viral Diarrhea Virus		PR280377 (480) PC280377 (60)	

Swine assays[†]



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

Pathogen investigated	Product	Technology	S	M	L
African Swine Fever Virus (ASFV)	virotype ASFV PCR Kit	qPCR	VT281903 (24)	VT281905 (96)	
	virotype ASFV 2.0 PCR Kit	qPCR		VT281925 (96)	
	NEW! IndiField ASFV PCR	qPCR	IF-LS630103 (30)		
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)	
Influenza A Virus	virotype Influenza A RT-PCR Kit	RT-qPCR	VT282603 (24)	VT282605 (96)	
<i>Lawsonia intracellularis</i>	NEW! SVANOVIR L. Intracellularis / Ileitis-Ab	ELISA	SV-122275 (2)		
Porcine Epidemic Diarrhea Virus (PEDV), Transmissible Gastroenteritis Virus (TGEV)	virotype PEDV/TGEV RT-PCR Kit	RT-qPCR (Multiplex)		VT283605 (96)	
Transmissible Gastroenteritis Virus (TGEV), Porcine Respiratory Coronavirus (PRCV)	NEW! SVANOVIR TGEV/PRCV-Ab	ELISA	SV-104909 (2)		
Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)	virotype PRRSV RT-PCR Kit	RT-qPCR (Multiplex)	VT282303 (24)	VT282305 (96)	VT282307* (480)
	pigtype PRRSV Ab	ELISA		PT272753 (5)	
Pseudorabies Virus (PRV) / Aujeszky's Disease (ADV)	NEW! SVANOVIR PRV gE-Ab	ELISA	SV-104902 (2)	SV-104904 (10)	
	NEW! SVANOVIR PRV gB-Ab	ELISA	SV-104905 (2)	SV-104906 (10)	
Salmonella	pigtype Salmonella Ab	ELISA	PT273001 (1)	PT273003 (5)	PT273005 (20)
<i>Sarcoptes scabiei</i> var. <i>suis</i>	NEW! SARCOPTES-ELISA 2001 PIG	ELISA	SEP-KIT (1)		
<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

qPCR reagents (primers/probes, controls)

Cat. no. (number of reactions)

Target analyte	Product	Short description	S	M	L
<i>Brachyspira hyodysenteriae</i>	cador B. hyodysenteriae Primers/Probes	Primers and probes for amplification of DNA from <i>Brachyspira hyodysenteriae</i>	PR285215 (96)		
	cador B. hyodysenteriae Positive Control	Synthetically derived DNA of <i>Brachyspira hyodysenteriae</i>	PC285215 (40)		
Porcine Epidemic Diarrhea Virus (PEDV), Transmissible Gastroenteritis Virus (TGEV)	virotype PEDV/TGEV/PDCoV Primers/Probes	Primers/Probes for amplification of RNA from PEDV and TGEV in multiplex RT-qPCR	PR286685 (96)	PR283687 (480)	PR283689 (4800)
	virotype PEDV/TGEV/PDCoV Positive Control	Synthetically derived RNA from PEDV and TGEV		PC283687 (30)	PC283689 (300)
Porcine Circovirus 2 and Porcine Circovirus 3 (PCV2/PCV3)	virotype PCV2/PCV3 Primers/Probes	Primers and probes for amplification of DNA from Porcine Circovirus 2 and Porcine Circovirus 3	PR283685 (96)	PR285687 (480)	
	virotype PCV2/PCV3 Positive Control	Synthetically derived DNA of Porcine Circovirus 2 and Porcine Circovirus 3	PC285685 (30)	PC285687 (60)	
Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)	virotype PRRSV NA/EU Primers/Probes	Primers and probes for amplification of RNA from PRRSV	PR282335 (96)		
	virotype PRRSV NA/EU Positive Control	Synthetically derived RNA of PRRSV	PC282335 (30)		

IndiField: improving access to PCR at the point of need

When time is critical and access to laboratory expertise or infrastructure is unavailable, rely on IndiField. Our novel point-of-need PCR platform simplifies the standard molecular diagnostic workflow without sacrificing on performance. The ultra-portable IndiField qPCR thermocycler enables multiplex detection of up to 27 targets from a single sample. For enhanced convenience, it comes with shelf-stable reagents that don't require cold storage. Our IndiField ASFV PCR prototype has been proven to realise a high sensitivity and specificity that is comparable to standard laboratory PCR methods.

Please get in touch to discuss the development of customized assays.



Product	Short description	Cat. no. (pcs)
IndiField qPCR Thermocycler Bundle Pack	Each bundle includes a portable three-channel qPCR thermocycler and an Android smartphone.	IF-IN6010093
IndiField Cloud Software (1 team + 3 users)	The IndiField Cloud enables management of data from multiple thermocyclers from any web-enabled device. It is sold as an annual subscription. The base plan is for 1 team consisting of 3 login IDs.	IF-SW6500003
IndiField ASFV PCR (30) [‡]	ASFV + beta-actin internal positive control	IF-LS630103 (30)
IndiField LyoDNA Mix Well Strips (30)	Lyophilized master mix prefilled into well strips, suitable for DNA pathogens	IF-MX6310030 (30)
IndiField LyoDNA Mix Bulk (60)	Lyophilized master mix in bulk vial, suitable for DNA pathogens. Please order plasticware (IF-PW6410288) separately	IF-MX6310060 (60)
IndiField LyoRNA Mix Well Strips (30)	Lyophilized master mix prefilled into well strips, suitable for RNA pathogens	IF-MX6330030 (30)
IndiField LyoRNA Mix Bulk (60)	Lyophilized master mix in bulk vial, suitable for RNA pathogens. Please order plasticware (IF-PW6410288) separately	IF-MX6330060 (60)
IndiField PW Well Strips (288)	Empty well strips for use with master mix supplied in bulk vial	IF-PW6410288 (288)
IndiField Sample Homogenization Kit (30)	For samples requiring homogenization (e.g. tissues). Use in conjunction with IndiField Sample Prep Cartridge DNA-HI (IF-SP6120030)	IF-SP6100030 (30)
IndiField Sample Prep Cartridge DNA (30)	For smaller volume liquids and direct swabs, suitable for DNA pathogens	IF-SP6110030 (30)
IndiField Sample Prep Cartridge DNA-HI (30)	For larger volume liquids such as urine and homogenates. For samples requiring homogenisation (e.g. tissues), use the Homogenization Kit (IF-SP6100030)	IF-SP6120030 (30)
IndiField Sample Prep Cartridge RNA (30)	For smaller volume liquids and direct swabs, suitable for DNA pathogens	IF-SP6140030 (30)

[‡]Product availability/distribution: outside the U.S. and Canada

NEW!
Diagnostics for companion animals

Ensure reliable and efficient identification of companion animal pathogens with our AFOSA ELISA portfolio, the result of over 20 years of experience. The streamlined protocols and versatile microplate system ensure a user-friendly experience.



part of **INDICAL**



Save time and achieve consistent detection of antibodies to parasites and vector-transmitted pathogens of companion animals with the AFOSA ELISA assays.‡

- Ready-to-use reagents
- Streamlined and convenient protocols
- Interchangeable kit components between AFOSA assays
- Color-coded caps for easy reagent identification
- Consistent pipetting volume of 100 µl
- Individual plate strips for throughput flexibility

Cat. no. (number of ELISA plates)

Pathogen investigated	Product	Technology	Cat. no. (number of ELISA plates)
<i>Anaplasma phagocytophilum</i> (Anaplasmosis)	NEW! ANAPLASMA-ELISA DOG	ELISA	AED-KIT (1)
<i>Babesia canis</i> (Babesiosis)	NEW! BABESIA-ELISA DOG	ELISA	BED-KIT (1)
<i>Ehrlichia canis</i> (Ehrlichiosis)	NEW! EHRLICHIA-ELISA DOG	ELISA	EED-KIT (1)
Feline Coronavirus (Feline Infectious Peritonitis)	NEW! FCoV- ELISA CAT	ELISA	FEC-KIT (1)
<i>Leishmania infantum</i> (Leishmaniosis)	NEW! LEISHMANIA IgG ELISA DOG	ELISA	LED-KIT (1)
<i>Sarcoptes scabiei</i> var. canis (Sarcoptic Mange)	NEW! Sarcoptes-ELISA 2001 DOG	ELISA	SED-KIT (1)

‡Product availability/distribution: outside the U.S. and Canada

Avian and poultry assays[‡]



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)	
	NEW! virotype Influenza A H5/H7/H9 RT-PCR Kit	RT-qPCR (Multiplex)		VT282705 (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)		

*Available only on request **Available soon †Product availability/distribution: outside the U.S. and Canada

Equine assays[‡]



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

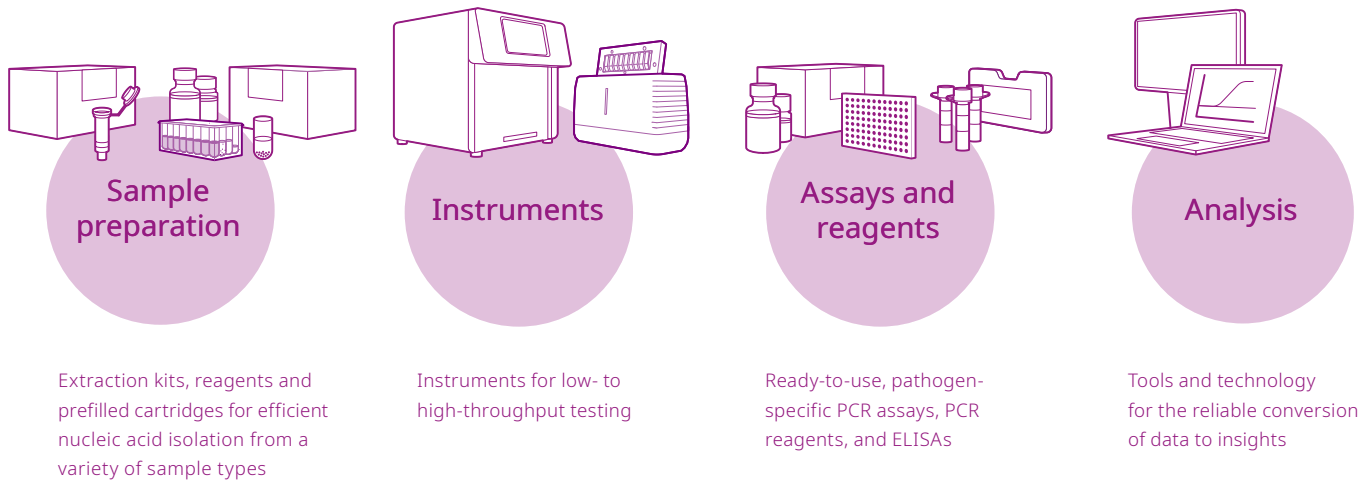
Pathogen investigated	Product	Technology	S	M	L
Equine Herpesvirus type 1 and 4 (EHV1/EHV4)	NEW! SVANOVIR EHV1/EHV4-Ab	ELISA	SV-104901 (2)		
Influenza A Virus	virotype Influenza A RT-PCR Kit	RT-qPCR	VT282603 (24)	VT282605 (96)	
<i>Taylorella equigenitalis</i>	cador T. equigenitalis PCR Kit	qPCR	CD285023 (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

INDICAL provides solutions for your entire workflow

With over two decades of experience, INDICAL is a leading provider of diagnostic workflows, associated protocols, and expert technical support. We are committed to protecting animal and human health by enabling our customers to reliably identify animal diseases.

Rely on our industry-leading solutions for veterinary diagnostics and pathogen research, including:



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