Boost flock health with INDICAL's poultry portfolio

Differentiate IBV with virotype IBV pan + NA Vax Primers/Probes

Suitable for Infectious Bronchitis Virus and IBV vaccine strains DMV/1639, GA08, GA08v and Mass.

Check & Trace Salmonella 2.0 is now available for QuantStudio™ 5!

Expanding our trusted PCR tecnology for rapid and reliable *Salmonella* serotyping.

qPCR Reagents (primers/probes and controls)

Target analyte	Product	Short description	**Cat. no.** (number of reactions)
Infectious Bronchitis Virus (IBV)	virotype IBV Primers/Probes	Primers and probes for amplification of RNA from IBV	PR284305 (96)
	virotype IBV Positive Control	Synthetic positive control for IBV real-time RT-PCR	PC284305 (30)
	NEW! virotype IBV pan + NA Vax Primers/Probes	Primers and probes for amplification of RNA from IBV and DMV/1639, GA08, GA08v, and Mass North American (NA) IBV vaccine strains	PR284325 (100) PR284327 (500)
	NEW! virotype IBV pan + NA Vax Positive Control	Synthetic positive control for IBV pan + NA Vax (DMV/1639, GA08, GA08v, and Mass) real-time RT-PCR	PC284325 (30)
Infectious Bursal Disease Virus (IBDV)	virotype IBDV Primers/Probes	Primers and probes for amplification of RNA from IBDV	PR284105 (96)
	virotype IBDV Positive Control	Synthetic positive control for IBDV real-time RT-PCR	PC284105 (30)
Influenza A Virus	virotype Influenza A Primers/Probes	Primers and probes for amplification of RNA from Influenza A Virus	PR282635 (100)
	virotype Influenza A Positive Control	Synthetic positive control for Influenza A virus real-time RT-PCR	PC282635 (30)

Ready-to-use avian and poultry assays‡

Pathogen investigated	Product	Short description	**Cat. no.** (number of plates)
Infectious Bronchitis Virus (IBV)	flocktype IBV Ab	ELISA for the identification of antibodies to IBV	FT274303 (5)
Infectious Bursal Disease Virus (IBDV)	flocktype IBDV Ab	ELISA for the identification of antibodies to IBDV	FT274203 (5)
Influenza A Virus (AIV)	flocktype AIV Ab	ELISA for the identification of antibodies to AIV	FT274012 (2)
Mycoplasma synoviae	flocktype Mycoplasma Ms Ab	ELISA for the identification of antibodies to *Mycoplasma synoviae*	FT274602 (2)
Newcastle Disease Virus (NDV)	flocktype NDV Ab	ELISA for the identification of antibodies to NDV	FT275003 (5)
Salmonella	flocktype Salmonella Ab	ELISA for the identification of antibodies to *Salmonella* Enteritidis and *Salmonella* Typhimurium	FT275702 (2)
	Check & Trace Salmonella 2.0	qPCR (multiplex) for rapid confirmation and serotyping of *Salmonella*, certified by MicroVal and approved by AOAC	18-2020 (48)
	NEW! Check & Trace Salmonella 2.0 QS5	Expanding our trusted solution to QuantStudio 5 platform	18-2050 (48)

‡Product availability/distribution: Certain countries, including the United States and Canada, require import permits.

DNA/RNA extraction reagents, kits, and prefilled cartridges

Product	**Short description**	**Cat no.** (product size)
IndiMag Pathogen Kit	Extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology. For use with KingFisher Flex and equivalent instruments. *Including reagents and plastics for KingFisher Flex.*	SP947457 (384)
IndiMag Pathogen Kit w/o plastics	Extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology. For use with IndiMag 2, IndiMag 48s, KingFisher Flex and equivalent instruments.	SP947257 (500)
NEW! IndiMag Pathogen IM2 Cartridge	Prefilled reagent cartridges (32-well blocks), lysis strips and elution strips for automated isolation of viral RNA/DNA and bacterial DNA based on magnetic bead technology. *Including rod covers.* For use with IndiMag 2.	SP957654C608 (6 x 8)
IndiMag Pathogen IM48 Cartridge	Prefilled reagent cartridges for viral RNA/DNA and bacterial DNA isolation. *Including rod covers.* For use with IndiMag 2 (32-well blocks, processing 8 samples per run) and IndiMag 48s (32-well blocks for 8 samples and 96-well blocks for 24 samples per run).	SP947654P608 (6 x 8) SP947654P224 (2 x 24)
IndiMag Pathogen KF96 Cartridge	Prefilled and sealed reagent cartridges for automated extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology. For use with KingFisher Flex and equivalent instruments.	SP947855P196 (96) SP947855P496 (4 x 96) SP947855P1696 (16 x96)
IndiSpin Pathogen Kit	Extraction of viral RNA/DNA and bacterial DNA based on silica membrane technology.	SP54104 (50) SP54106 (250)
virotype Tissue Lysis Reagent	Fast lysis of various sample types, including bovine ear tissue and avian trachial swabs.	SP289992 (100 mL) SP289993 (250 mL)

Master mixes and internal controls

Target analyte	**Product**	**Short description**	**Cat no.** (product size)
DNA and RNA	IndiMix JOE	Real-time PCR master mix for DNA & RNA amplification, including intype IC-compatible primers and JOE-labeled probe for extraction and amplification monitoring	MX299945 (1.5 mL) MX299947 (10 x 1.5 mL)
DNA and RNA	IndiMix TAMRA	Real-time PCR master mix for DNA & RNA amplification, including intype IC-compatible primers and TAMRA-labeled probe for extraction and amplification monitoring	MX299985 (1.5 mL) MX299987 (10 x 1.5 mL)
DNA	intype IC-DNA	DNA template control for monitoring extraction efficiency and qPCR amplification	IC289980 (1 mL)
RNA	intype IC-RNA	RNA template control for monitoring extraction efficiency and RT-qPCR amplification	IC289970 (1 mL)

Master mixes including an internal control

Target analyte	**Product**	**Short description**	**Cat no.** (product size)
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)

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