

Meeting today's diagnostic needs—innovating for tomorrow's challenges

Diagnostic solutions overview



Bovine/ovine/caprine pathogen products

Products	ELISA	Real-time PCR	Other*
<i>Besnoitia besnoiti</i>	•		
Bluetongue virus (all genotypes and specific genotype)	•	•	
Bovine herpes virus type 1 (IBR)	•	•	
Bovine herpes virus type 4		•	
Bovine respiratory syncytial virus (BRSV)	•	•	
<i>Brucella</i> spp.	•		•
Bovine spongiform encephalopathy (BSE)			•
Bovine viral diarrhea virus (BVDV) Border disease virus (BDV)	•	•	
Caprine arthritis encephalitis virus (CAEV)	•		
<i>Campylobacter fetus</i>		•	
<i>Campylobacter</i> spp.		•	
<i>Chlamydophila abortus</i>		•	
<i>Chlamydophila</i> spp.	•	•	
Corona virus (BCV)	•	•	
<i>Coxiella burnetii</i> (Q fever)	•	•	
<i>Cryptosporidium parvum</i> and <i>Giardia</i>		•	
Epizootic hemorrhagic disease virus (EHDV)	•	•	
<i>Histophilus somni</i>		•	
Foot-and-mouth disease virus (FMDV)	•		

Products	ELISA	Real-time PCR	Other*
<i>Listeria monocytogenes</i>		•	
Maedi visna virus	•		
<i>Mycobacterium paratuberculosis</i>	•	•	
<i>Mycobacterium tuberculosis</i> complex	•	•	•
<i>Mycoplasma agalactiae</i>	•	•	
<i>Mycoplasma bovis</i>	•	•	
<i>Mycoplasma mycoides</i>		•	
<i>Neospora caninum</i>	•	•	
Ovine herpes virus 2		•	
<i>Pasteurella multocida</i> and <i>Mannheimia haemolytica</i>		•	
Pathogenic <i>Leptospira</i> spp.	•	•	
Peste des petits ruminants		•	
PI3 (Para-influenza type III)	•	•	
Rotavirus		•	
<i>Salmonella</i> spp.	•	•	
Schmallenberg virus		•	
<i>Toxoplasma gondii</i>	•	•	
<i>Tritrichomonas foetus</i>		•	

*Other test formats include lateral flow immunochromatographic, agglutination, and western blot assays.

Porcine pathogen products

Products	ELISA	Real-time PCR	Other*
<i>Actinobacillus pleuropneumoniae</i>	•		
African swine fever		•	
<i>Brachyspira hyodysenteriae</i>		•	
Classical swine fever virus (CSFV)	•	•	
Foot-and-mouth disease virus (FMDV)	•		
Hepatitis E virus	•		
<i>Lawsonia intracellularis</i>		•	
<i>Mycobacterium avium avium</i>	•		
<i>Mycoplasma hyopneumoniae</i>		•	
<i>Pasteurella multocida</i> toxin gene		•	
Porcine circovirus of type 2		•	
Porcine parvovirus	•	•	
Porcine epidemic diarrhea virus (PEDV)		•	
Porcine reproductive and respiratory disease virus (PRRSV) NA and EU strains	•	•	
Pseudorabies virus gB and gE (Aujeszky's)	•		
<i>Salmonella</i> spp.	•	•	
Swine influenza virus (SIV)	•	•	
Swine vesicular disease virus (SVDV)	•		
<i>Toxoplasma gondii</i>	•		
<i>Trichinella</i> spp.	•		•

Avian pathogen products

Products	ELISA	Real-time PCR	Other*
Avian mycoplasma (<i>mycoplasma gallisepticum</i> and <i>mycoplasma synoviae</i>)		•	
Avian influenza type A and genotypes H5, H7		•	
Avian metapneumovirus		•	
Gumboro disease (infectious bursal disease virus—IBDV)	•		
Infectious bronchitis virus (IBV)	•		
<i>Mycoplasma iowae</i>		•	
Newcastle disease (NDV)		•	

Combined pathogen products for ruminants

Products	ELISA	Real-time PCR	Other*
Rota, corona, <i>E. coli</i> F5 (K99), Crypto (bovine neonatal gastroenteritis)	•		
<i>Anaplasma phagocytophilum</i> , bovine herpes virus type 4, <i>Campylobacter foetus</i> , <i>Chlamydophila</i> spp., <i>Coxiella burnetii</i> , <i>Listeria monocytogenes</i> , Pathogenic <i>Leptospira</i> spp.**, <i>Salmonella</i> spp. (abortion)		•	
<i>Histophilus somni</i> , <i>Mycoplasma bovis</i> , bovine coronavirus, bovine respiratory syncytial virus, bovine parainfluenza 3 virus, <i>Pasteurella multocida</i> , <i>Mannheimia haemolytica</i> (respiratory)		•	

Animal genotyping products

Short tandem repeat (STRs) kits developed for bovine, equine, and canine genotyping

Equine pathogen products

Products	ELISA	Real-time PCR	Other*
Equine arteritis virus		•	

Aquaculture pathogen products

Products	ELISA	Real-time PCR	Other*
Infectious hypodermal and hematopoietic necrosis virus (IHHNV)		•	
Infectious myonecrosis virus (IMNV)		•	
Taura syndrome virus (TSV)		•	
Yellow head disease virus (YHV)		•	
White spot syndrome virus (WSSV)		•	
Infectious salmon anaemia virus		•	
Koi herpes virus		•	
Infectious hematopoietic necrotic virus		•	
Viral hemorrhagic septicemia virus		•	
Viral nervous necrosis virus		•	

All species pathogen products

Products	ELISA	Real-time PCR	Other*
<i>Anaplasma phagocytophilum</i>		•	
<i>Campylobacter</i> spp.		•	
<i>Chlamydophila</i> spp.		•	
Feline infectious peritonitis		•	
Pathogenic <i>Leptospira</i> spp.**		•	
<i>Salmonella enterica</i> spp.		•	
West Nile virus		•	

*Other test formats include lateral flow immunochromatographic, agglutination, and western blot assays.

**LSI VetMAX™ PathoLept™ Real-Time PCR Kit is a multispecies kit designed to detect 25 pathogenic *Leptospira* strains.

Ordering information

Sample preparation products	Quantity	Cat. No.
MagMAX kits		
MagMAX Pathogen RNA/DNA Kit	480/5 x 96 rxns	4462359
MagMAX-96 Viral RNA Isolation Kit	96 rxns	AM1836
MagMAX Total Nucleic Acid Isolation Kit	100 rxns	AM1840
MagMAX-96 AI/ND Viral RNA Isolation Kit	384 rxns	AM1835
MagMAX Viral RNA Isolation Kit	50 rxns	AM1939
MagMAX-96 Viral RNA Isolation Kit	5 x 96 rxns	AMB1836-5
KingFisher instrument systems and consumables		
KingFisher Flex Magnetic Particle Processor with 96 Deep-Well Head	1 instrument	5400630
KingFisher Flex Magnetic Particle Processor with 24 Deep-Well Head	1 instrument	5400640
KingFisher Duo Prime Magnetic Particle Processor	1 instrument	5400110
KingFisher mL Magnetic Particle Processor	1 instrument	5400050
KingFisher Flex 96 Deep-Well Magnetic Head	1 head	24074430
KingFisher Flex 24 Deep-Well Magnetic Head	1 head	24074440
KingFisher Flex 24 Deep-Well Tip Combs and Plates	50 combs/plates	97002610
KingFisher Flex 24 Deep-Well Plates	50 plates	95040480
KingFisher 96 Tip Comb for KF Magnets	100 combs	97002534 [†]
KingFisher 96 KF Microplates (200 uL)	48 plates	97002540 [†]
KingFisher Flex Microtiter Deep-Well 96 Plates	50 plates	95040460 [†]
12-Tip Combs for KingFisher Duo Prime	50 combs	97003500
6-Tip Combs for KingFisher Duo Prime	48 combs	97003510
12-Well Elution Strips for KingFisher Duo Prime	40 strips	97003520
Combi Pack for KingFisher Duo Prime (tip combs, plates, and elution strips)	Pack (96 samples)	97003530
KingFisher mL Tip Combs	800 combs	97002111
KingFisher mL Tubes	900 tubes	97002121
KingFisher mL Combi Pack (tip combs and tubes)	Pack (240 samples)	97002141
MagMAX Express instruments and consumables		
MagMAX Express Magnetic Particle Processor	1 instrument	4400075
MagMAX Express Tip Combs	50 combs	4388452
MagMAX Express Plates	50 plates	4388474
MagMAX Express-96 Standard Tip Combs	100 combs	4388488
MagMAX Express-96 Standard Plates	48 plates	4388475 [†]
MagMAX Express-96 Standard Magnetic Head	1 head	4388434
MagMAX Express-96 Deep Well Tip Combs	100 combs	4388487 [†]
MagMAX Express-96 Deep Well Plates	50 plates	4388476 [†]
MagMAX Express-96 Deep Well Magnetic Head	1 head	4388435
Additional sample preparation products		
MagMAX Lysis/Binding Solution Concentrate	100 mL	AM8500
MagMAX Wash Solution 1 Concentrate	205 mL	AM8504
MagMAX Wash Solution 2 Concentrate	200 mL	AM8640
Carrier RNA (1 mg/mL)	500 µL	4382878
Magnetic-Ring Stand	1 each	AM10050
Magnetic Stand-96 (24 pst magnets)	1 each	AM10027
Single Place Magnetic Stand	1 each	AM10026
Single Place Magnetic Stand	1 each	AM10026

[†]Consumables are identical to comparable Applied Biosystems™ MagMAX™ Express consumables.

[‡]Consumables are compatible with Thermo Scientific™ KingFisher™ Flex Deep-Well unit.

Ordering information (continued)

Master mix products	Quantity	Cat. No.
Path-ID qPCR Master Mix	100 rxns	4388643
Path-ID qPCR Master Mix	500 rxns	4388644
AgPath-ID One-Step RT-PCR Reagents	100 rxns	AM1005
AgPath-ID One-Step RT-PCR Reagents	500 rxns	4387424
AgPath-ID One-Step RT-PCR Reagents	1,000 rxns	4387391
Path-ID Multiplex One-Step RT-PCR Kit	100 rxns	4442135
Path-ID Multiplex One-Step RT-PCR Kit	500 rxns	4442136
Path-ID Multiplex One-Step RT-PCR Kit	1,000 rxns	4442137
VetMAX-Plus One-Step RT-PCR Kit	100 rxns	4415328
VetMAX-Plus Multiplex One-Step RT-PCR Kit	100 rxns	4415330
VetMAX-Plus qPCR Master Mix	100 rxns	4415327
Internal positive control products	Quantity	Cat. No.
VetMAX Xeno Internal Positive Control RNA	100 rxns	A29763
VetMAX Xeno Internal Positive Control DNA	100 rxns	A29764
VetMAX Xeno Internal Positive Control—VIC Assay	100 rxns	A29765
VetMAX Xeno Internal Positive Control—LIZ Assay	100 rxns	A29766
VetMAX Xeno Internal Positive Control RNA	500 rxns	A29761
VetMAX Xeno Internal Positive Control DNA	500 rxns	A29762
VetMAX Xeno Internal Positive Control—VIC Assay	500 rxns	A29767
VetMAX Xeno Internal Positive Control—LIZ Assay	500 rxns	A29768

Find out more at thermofisher.com/animalhealth