

Veterinary Diagnostics

Real-time PCR Kits for the detection of bacteria, viruses, parasites & mycoses



Optimized to run with the same pipetting schema.

Optimized to run under the same thermal cycling conditions:
RNA and DNA material can be run in parallel.

Optimized to run on the most common Real-Time PCR Instruments:
ABI PRISM®7500, Mx3005P®, LightCycler®480

Avian

	Pathogen	Target gene	Catalog# [100 / 50 test]
BactoReal Kit	Mycoplasma synoviae	vlhA gene (haemagglutinin encoding gene) gene	ING.DVEB00213 ING.DVEB00253
	Mycoplasma gallisepticum	mgc2 gene (cytadhesin-like protein encoding gene)	ING.DVEB00313 ING.DVEB00353
ParoReal Kit	Histomonas meleagridis	18S rRNA gene	ING.DVEP00313 ING.DVEP00353
	Eimeria spp. (coccidiose)	Available upon request	

Ovine

	Pathogen	Target gene	Catalog# [100 / 50 test]
BactoReal Kit	Chlamydophila psittaci/abortus	Available upon request	

Horse

	Pathogen	Target gene	Catalog# [100/200 tests]
BactoReal Kit	Anaplasma spp.	Available upon request	
MycosReal Kit	Trichinella spiralis & britovi	internal transcribed spacer of <i>Trichinella spiralis</i> and <i>britovi</i>	ING.RTGV 268 ING.RTGV268-2



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Bovine

	Pathogen	Target gene	Catalog# [100/50 test]
ViroReal Kit	BVD Virus	5'UTR:Detection of BVDV-1, BVDV-2, BVDV-3, CSFV and BDV	ING.DVEV00613 ING.DVEV00653
	Bovine coronavirus	Available upon request	
BactoReal Kit	Anaplasma spp.	Available upon request	
	Brucella spp.	Available upon request	
	Leptospira spp. (16S rDNA)	16S rDNA gene of pathogenic and intermediately pathogenic Leptospira spp.	ING.DVEB00513 ING.DVEB00553
	Leptospira spp. (LipL32)	LipL32 gene of pathogenic Leptospira spp.	ING.DVEB00613 ING.DVEB00653
	Mannheimia haemolytica	Available upon request	
	Mycobacterium avium ssp. paratuberculosis	insertion sequence IS900	ING.DVEB02213 ING.DVEB02253
	Mycoplasma bovis	Available upon request	
	Mycobacterium tuberculosis complex	ITS2 region	ING.DVEB02713 ING.DVEB02753
	Staphylococcus aureus	nuc gene	ING.DVEB01013 ING.DVEB01053
	Streptococcus agalactiae	cfb gene	ING.DVEB01513 ING.DVEB01553
	Streptococcus uberis	ITS region	ING.DVEB01613 ING.DVEB01653
	Streptococcus dysgalactiae	23S rRNA gene and 16S rRNA gene to differentiation S. dysgalactiae from other Streptococcus species	ING.DVEB01713 ING.DVEB01753

Swine

	Pathogen	Target gene	Catalog# [100/50 test]
ViroReal Kit	Swine influenza A (SIV)	matrix protein gene	ING.DVEV00413 ING.DVEV00453
	PRRS Virus EU & NA	Differentiation of PRRS virus EU (incl. LENA strain) and PRRS virus NA	ING.DVEV00113 ING.DVEV00153
	PRRSV EU	Available upon request	
	PRRSV NA	Available upon request	



VETERINARY DIAGNOSTICS Real-time PCR Kits

	PCV2	ORF1 of the porcine circovirus type 2 (PCV2), quantifiable	ING.DVEV00513 ING.DVEV00553
	Porcine Parvovirus	non-structural protein 1 (NS1) gene	ING.DVEV00713 ING.DVEV00753
	Porcine coronavirus (PRCV, TGEV)	Available upon request	
	Encephalomyocarditis virus (EMCV)	Available upon request	
	Porcine cytomegalovirus (PCMV)	Available upon request	
BactoReal Kit	Actinobacillus pleuropneumoniae	apxIVA gene	ING.DVEB02013 ING.DVEB02053
	Bordetella bronchiseptica	bfrA gene	ING.DVEB02413 ING.DVEB02453
	Brachyspira (pathogenic species)	Available upon request	
	Brachyspira hampsonii (clade 1 & 2)	Available upon request	
	Brachyspira suanatina	Available upon request	
	Brachyspira hyodysenteriae	nox gene	ING.DVEB01113 ING.DVEB01153
	Brachyspira pilosicoli	nox gene	ING.DVEB01213 ING.DVEB01253
	Brachyspira hyo/pilo	nox gene	ING.DVEB01813 ING.DVEB01853
	Brucella spp.	Available upon request	
	Haemophilus parasuis	16S rRNA gene	ING.DVEB00413 ING.DVEB00453
	Lawsonia intracellularis	16S rRNA gene	ING.DVEB01313 ING.DVEB01353
	Mycoplasma hyopneumoniae	rpoB gene	ING.DVEB00113 ING.DVEB00153
	Mycoplasma hyorhinis	rpoB gene	ING.DVEB01413 ING.DVEB01453
	Mycoplasma suis	16S rDNA gene	ING.DVEB02613 ING.DVEB02653
	Pasteurella multocida	16S rRNA gene	ING.DVEB02813 ING.DVEB02853
	Pasteurella multocida toxA	toxA gene	ING.DVEB00913 ING.DVEB00953
	Mycoreal Kit	Trichinella spiralis & britovi	internal transcribed spacer of <i>Trichinella spiralis</i> and <i>britovi</i>



Canid species

	Pathogen	Target gene	Catalog# [100/50 test]
ViroReal Kit	Rabies Virus	Available upon request	
BactoReal Kit	Brucella spp.	Available upon request	
ParoReal Kit	Echinococcus multilocularis	Available upon request	

Recommended Extraction Methods



UltraClean® BloodSpin® DNA/RNA Isolation Kit
 UltraClean® Tissue & Cells DNA/RNA Isolation Kit
 PowerFecal™ DNA Isolation Kit
 PowerMicrobiome™ RNA Isolation Kit

Manual method	High-Throughput	High-Throughput, Automated
Silica spin filter tubes	Silica spin filter 96well plates	Magnetic Bead Plates, optimized for epMotion®, KingFisher®

