



Veterinary Diagnostic PCR Kits



Wide range of veterinary PCR kits

KleverVet PCR kits are in vitro diagnostic kits designed for the detection of various veterinary pathogens by real-time PCR. Our portfolio includes solutions for ruminant, avian, pet, swine, tick-borne, and other infections



Simple and universal protocols

KleverVet PCR kits use a rapid and simple amplification protocol, resulting in reliable assay results in 70–90 minutes with minimal risk of operator error, which significantly improves the accuracy of laboratory analyses



Inhibitor-resistant, contamination-safe

Special additives significantly increase resistance to inhibitors. Uracil-DNA glycosylase helps avoid the risk of carry-over contamination



RNA/DNA isolation kits

Magnetic-bead and spin-column kits for manual or automated use, compatible with the most popular automated extraction systems



100 tests, popular instruments

Compatible with the most popular real-time PCR instruments. Each kit is designed to perform 100 tests



High specificity and sensitivity

KleverVet PCR Kits have high specificity and sensitivity

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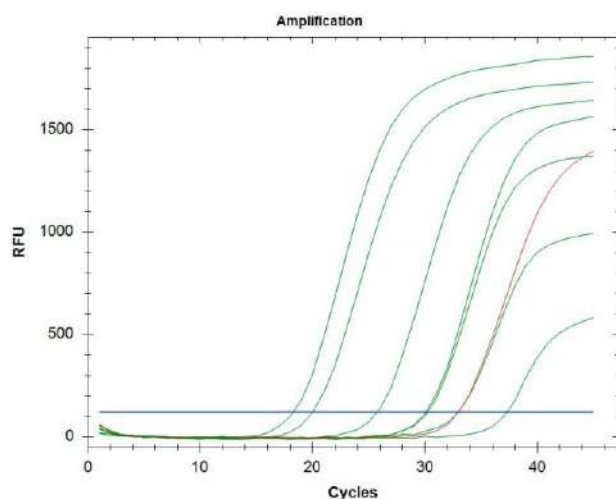


Pets Infections

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Avian Infections

Category	Product code	Product name	Pathogen
Viral infections	RKV-FLA-100	KleverVet Influenza A virus PCR Kit	Influenza A virus
	RKV-IBV-100	KleverVet IBV Screen PCR Kit	Avian infectious bronchitis virus, Avian gammacoronaviruses
	RKV-IB02-100	KleverVet IBV-Variant 02 PCR Kit	Avian infectious bronchitis virus 02 strains (IS-1494, GI-23, incl. vaccine 2-06)
	RKV-IB491-100	KleverVet IBV-Variant 4/91 PCR Kit	Avian infectious bronchitis virus 4/91 strains (793B, CR88 or 1/96 variant, incl. Vaccines)
	RKV-IBD274-100	KleverVet IBV-Variant D274 PCR Kit	Avian infectious bronchitis virus D-274 strains (D-207, incl. vaccines)
	RKV-IBMAS-100	KleverVet IBV-Variant Mass PCR Kit	Avian infectious bronchitis virus Mass-like strains (M41, H120 strains, incl. vaccines)
	RKV-IBQX-100	KleverVet IBV-Variant QX PCR Kit	Avian infectious bronchitis virus QX strains (GI-19)
	RKV-NDV-100	KleverVet NDV Screen PCR Kit	Avian paramyxovirus type 1 including virulent strains (Newcastle disease virus)
Bacterial infections	RKV-CS-100	KleverVet Chlamydia PCR Kit	<i>Chlamydia</i> spp, incl. <i>C. psittaci</i> , <i>C. abortus</i> , <i>C. felis</i> , <i>C. suis</i> , <i>C. pecorum</i>
	RKV-TRS-100	KleverVet Trichomoniasis PCR Kit	<i>Trichomonas foetus</i>
	RKV-MG/MS-100	KleverVet Mycoplasma Mg/Ms PCR Kit	<i>Mycoplasma gallisepticum</i> and <i>Mycoplasma synoviae</i> with differentiation
	RKV-MGTS11-100	KleverVet MG-Variant TS11 PCR Kit	<i>Mycoplasma gallisepticum</i> vaccine strain ts-11 and its derivatives
	RKV-MGF-100	KleverVet MG-Variant F PCR Kit	<i>Mycoplasma gallisepticum</i> vaccine strain F and its derivatives
	RKV-MG685-100	KleverVet MG-Variant 6-85 PCR Kit	<i>Mycoplasma gallisepticum</i> vaccine strain 6-85 and its derivatives
	RKV-CP-100	KleverVet Ornithosis PCR Kit	<i>Chlamydia psittaci</i>
	RKV-PM-100	KleverVet Pasteurellosis PCR Kit	<i>Pasteurella multocida</i>
	RKV-SS-100	KleverVet Salmonellosis PCR Kit	<i>Salmonella</i> spp.
	RKV-FRT-100	KleverVet Tularemia PCR Kit	<i>Francisella tularensis</i>
	RKV-YS-100	KleverVet Yersiniosis PCR Kit	<i>Yersinia</i> spp.



Efficiency of IBV Screen PCR Kit

Figure 1. Results of testing samples confirmed for the presence of IBV by the reference commercial PCR kit with the KleverVet IBV Screen PCR Kit. Consistent results were observed across a wide range of virus concentrations. The positive control signal is shown in red.

Ruminants Infections

Category	Product code	Product name	Pathogen
Parasitic infections	RKV-TG-100	KleverVet Toxoplasmosis PCR Kit	<i>Toxoplasma gondii</i>
Viral infections	RKV-BLV-100	KleverVet Bovine leukemia virus PCR Kit	Bovine leukemia virus, <i>Retroviridae</i>
	RKV-BRD-100	KleverVet Bovine respiratory diseases PCR Kit	Bovine viral diarrhea virus, Bovine parainfluenza type 3 virus, Bovine herpesvirus 1
	RKV-BRSV-100	KleverVet BRSV PCR Kit	Bovine Respiratory Syncytial Virus or <i>Orthopneumovirus bovis</i>
	RKV-BRVA-100	KleverVet Bovine rotavirus A PCR Kit	Bovine rotavirus A
	RKV-BVD-100	KleverVet Bovine viral diarrhea PCR Kit	Bovine viral diarrhea virus, <i>Pestivirus</i>
	RKV-CAE-100	KleverVet Caprine arthritis and encephalitis PCR Kit	Caprine arthritis encephalitis virus, <i>Retroviridae</i>
	RKV-C19-100	KleverVet COVID-19 PCR Kit	SARS-CoV-2
	RKV-FMD-100	KleverVet FMDV PCR Kit	<i>Aphthovirus</i>
	RKV-IBR-100	KleverVet Infectious bovine rhinotracheitis PCR Kit	Bovine herpesvirus 1
	RKV-LSD-100	KleverVet Lumpy skin disease PCR Kit	Lumpy skin disease virus, <i>Capripoxvirus</i>
	RKV-PI3-100	KleverVet Parainfluenza virus 3 PCR Kit	Bovine parainfluenza virus type 3, <i>Paramyxoviridae</i>
	RKV-RAB-100	KleverVet Rabies virus PCR Kit	Rabies lyssavirus
Bacterial infections	RKV-BA-100	KleverVet Bacillus anthracis PCR Kit	<i>Bacillus anthracis</i>
	RKV-BR4-100	KleverVet Brucella AMOS PCR Kit	<i>Brucella</i> spp incl <i>B. abortus</i> , <i>B. melitensis</i> , <i>B. ovis</i> , <i>B. suis</i> identification
	RKV-BRS-100	KleverVet Brucellosis PCR Kit	<i>Brucella</i> spp.
	RKV-CAL-100	KleverVet Caseous lymphadenitis PCR Kit	<i>Corynebacterium pseudotuberculosis</i>
	RKV-CS-100	KleverVet Chlamydia PCR Kit	<i>Chlamydia</i> spp, incl. <i>C. psittaci</i> , <i>C. abortus</i> , <i>C. felis</i> , <i>C. suis</i> , <i>C. pecorum</i>
	RKV-LPS-100	KleverVet Leptospirosis PCR Kit	<i>Leptospira</i> spp.
	RKV-MT/B-100	KleverVet Mycobacterium tuberculosis/bovis PCR Kit	<i>Mycobacterium tuberculosis</i> and <i>Mycobacterium bovis</i>
	RKV-CBU-100	KleverVet Q fever PCR Kit	<i>Coxiella burnetii</i>
	RKV-PM-100	KleverVet Pasteurellosis PCR Kit	<i>Pasteurella multocida</i>
	RKV-SS-100	KleverVet Salmonellosis PCR Kit	<i>Salmonella</i> spp.
	RKV-TRS-100	KleverVet Trichomoniasis PCR Kit	<i>Tritrichomonas foetus</i>
	RKV-TUB-100	KleverVet Tuberculosis PCR Kit	<i>Mycobacterium bovis</i> , <i>Mycobacterium tuberculosis</i> , <i>Mycobacterium bovis</i> BCG, <i>Mycobacterium africanum</i> and <i>Mycobacterium microti</i>
	RKV-FRT-100	KleverVet Tularemia PCR Kit	<i>Francisella tularensis</i>
	RKV-YS-100	KleverVet Yersiniosis PCR Kit	<i>Yersinia</i> spp.

Swine Infections

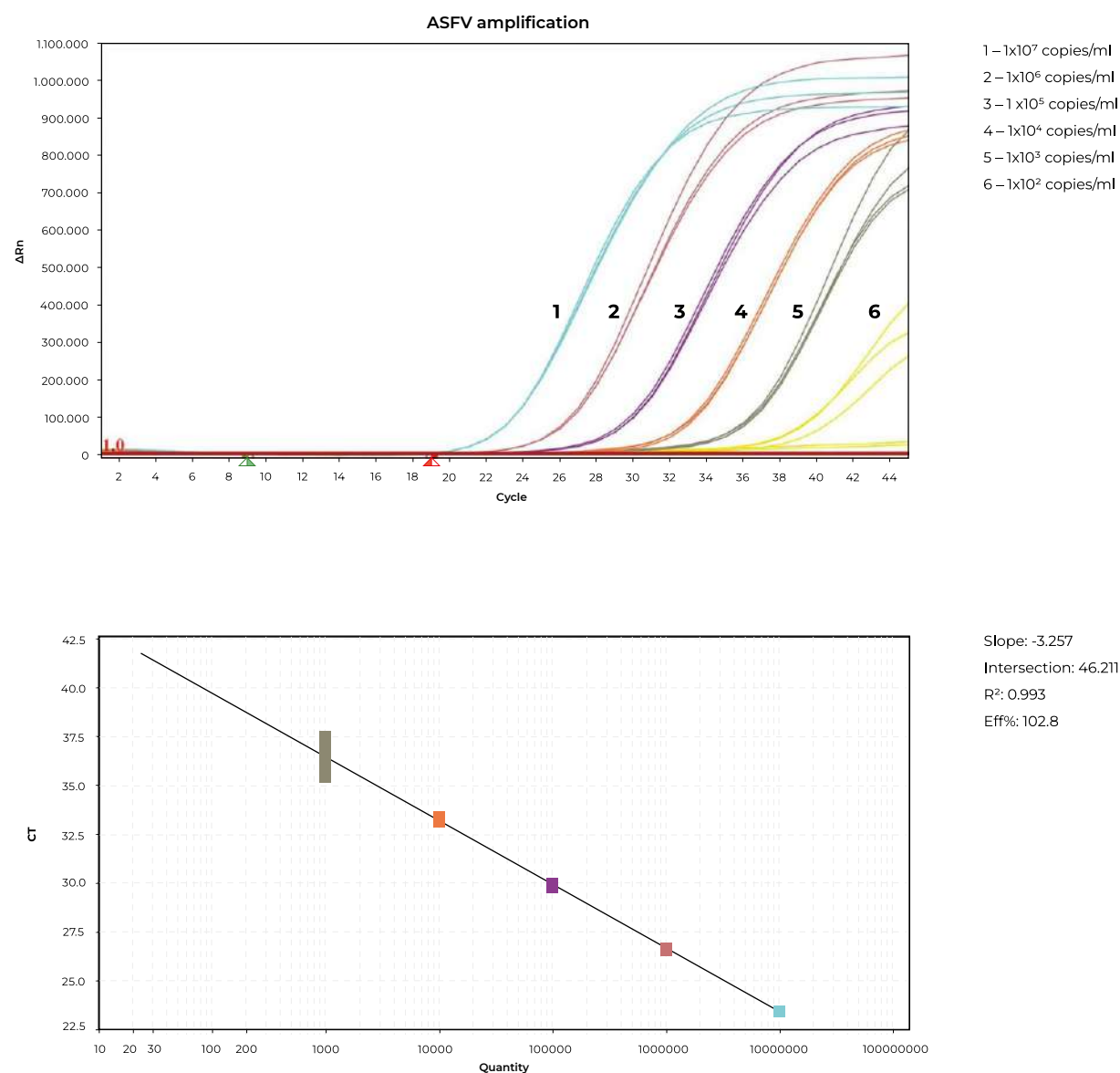
Category	Product code	Product name	Pathogen
Viral infections	RKV-ASF-100	KleverVet ASFV PCR Kit VALIDATED BY CISA-INIA/EURL-ASF	African swine fever virus
	RKV-ASFT-100	KleverVet ASFV Triplex PCR Kit	African swine fever virus
	RKV-AUJ-100	KleverVet Aujeszky's disease virus PCR Kit	Pseudorabies virus or Suid herpesvirus 1
	RKV-CSF-100	KleverVet CSFV PCR Kit	Classical swine fever virus, <i>Pestivirus</i>
	RKV-CSFT-100	KleverVet CSFV Triplex PCR Kit	Classical swine fever virus, <i>Pestivirus</i>
	RKV-FMD-100	KleverVet FMDV PCR Kit	<i>Aphthovirus</i>
	RKV-FLA-100	KleverVet Influenza A virus PCR Kit	Influenza A virus
	RKV-H13-100	KleverVet Influenza A (H1/H3) virus PCR Kit	Influenza A virus subtypes H1 and H3
	RKV-PC23-100	KleverVet Porcine circovirus 2/3 PCR Kit	Porcine circovirus types 2 and 3
	RKV-PPV-100	KleverVet Porcine parvovirus PCR Kit	Porcine Parvoviruses
	RKV-PRS-100	KleverVet PRRSV PCR Kit	<i>Arteriviruses</i> (European strains)
Bacterial infections	RKV-BR4-100	KleverVet Brucella AMOS PCR Kit	<i>Brucella</i> spp incl <i>B. abortus</i> , <i>B. melitensis</i> , <i>B. ovis</i> , <i>B. suis</i> identification
	RKV-BRS-100	KleverVet Brucellosis PCR Kit	<i>Brucella</i> spp.
	RKV-CS-100	KleverVet Chlamydia PCR Kit	<i>Chlamydia</i> spp, incl. <i>C. psittaci</i> , <i>C. abortus</i> , <i>C. felis</i> , <i>C. suis</i> , <i>C. pecorum</i>
	RKV-LPS-100	KleverVet Leptospirosis PCR Kit	<i>Leptospira</i> spp.
	RKV-MT/B-100	KleverVet Mycobacterium tuberculosis/bovis PCR Kit	<i>Mycobacterium tuberculosis</i> and <i>Mycobacterium bovis</i>
	RKV-MHY-100	KleverVet Mycoplasma hyopneumoniae PCR Kit	<i>Mycoplasma hyopneumoniae</i>
	RKV-PM-100	KleverVet Pasteurellosis PCR Kit	<i>Pasteurella multocida</i>
	RKV-SS-100	KleverVet Salmonellosis PCR Kit	<i>Salmonella</i> spp.
	RKV-TUB-100	KleverVet Tuberculosis PCR Kit	<i>Mycobacterium bovis</i> , <i>Mycobacterium tuberculosis</i> , <i>Mycobacterium bovis</i> BCG, <i>Mycobacterium africanum</i> and <i>Mycobacterium microti</i>
	RKV-FRT-100	KleverVet Tularemia PCR Kit	<i>Francisella tularensis</i>
	RKV-YS-100	KleverVet Yersiniosis PCR Kit	<i>Yersinia</i> spp.

Validation of the KleverVet African Swine Fever Virus PCR Kit

Validation of the KleverVet ASFV PCR Kit was evaluated on 22 ASFV reference DNAs belonging to 21 of the reported p72 genotypes and showed 100% sensitivity. Kit also was validated on 268 reference samples from INIA-CISA (EDTA-blood and tissue samples from infected domestic pigs) and showed K index of 0.99 (CI 95%) according to the reference method (WOAH-UPL).

PCR Efficiency for the Diagnosis of Swine DNA Viruses: ASFV

Figures 1, 2. Results of amplification of quantified ASFV DNA by KleverVet African Swine Fever Virus detection Kit



Pets Infections

Category	Product code	Product name	Pathogen
Parasitic infections	RKV-DIR-100	KleverVet Dirofilaria PCR Kit	<i>Dirofilaria</i> spp.
	RKV-GIA-100	KleverVet Giardiasis PCR Kit	<i>Giardia</i> spp.
	RKV-LEI-100	KleverVet Leishmaniasis PCR Kit	<i>Leishmania</i> spp.
	RKV-TG-100	KleverVet Toxoplasmosis PCR Kit	<i>Toxoplasma gondii</i>
Viral infections	RKV-CAV1/2-100	KleverVet Canine adenovirus 1/2 PCR Kit	Canine adenovirus types 1 and 2 with differentiation
	RKV-CAV1-100	KleverVet Canine adenovirus 1 PCR Kit	Canine adenovirus type 1
	RKV-CAV2-100	KleverVet Canine adenovirus 2 PCR Kit	Canine adenovirus type 2
	RKV-CDV-100	KleverVet Canine distemper virus PCR Kit	Canine distemper virus, or <i>Morbillivirus canis</i>
	RKV-CCoV-100	KleverVet Canine enteric coronavirus PCR Kit	Canine enteric coronavirus
	RKV-CHV-100	KleverVet Canine herpesvirus PCR Kit	Canine herpesvirus or Canid alphaherpesvirus 1
	RKV-FPV-100	KleverVet Feline panleukopenia virus PCR Kit	Feline parvovirus or Feline panleukopenia virus
	RKV-CPIV-100	KleverVet Canine parainfluenza virus PCR Kit	Canine parainfluenza virus, <i>Paramyxoviridae</i>
	RKV-CPV-100	KleverVet Canine parvovirus PCR Kit	Canine parvovirus
	RKV-C19-100	KleverVet COVID-19 PCR Kit	SARS-CoV-2
	RKV-FCV-100	KleverVet Feline calicivirus PCR Kit	Feline calicivirus
	RKV-FCoV-100	KleverVet Feline coronavirus PCR Kit	Feline coronavirus
	RKV-FIV-100	KleverVet Feline immunodeficiency virus PCR Kit	Feline immunodeficiency virus
	RKV-FLV-100	KleverVet Feline leukemia virus PCR Kit	Feline leukemia virus
	RKV-FVR-100	KleverVet Feline viral rhinotracheitis PCR Kit	Feline alphaherpesvirus 1
	RKV-FLIV-100	KleverVet FLV/FIV PCR Kit	Feline leukemia virus, Feline immunodeficiency virus
	RKV-FVRC-100	KleverVet FVR/Chlamydiosis PCR Kit	Feline alphaherpesvirus 1 and <i>Chlamydia</i> spp.
	RKV-RAB-100	KleverVet Rabies virus PCR Kit	Rabies lyssavirus
Bacterial infections	RKV-CS-100	KleverVet Chlamydia PCR Kit	<i>Chlamydia</i> spp, incl. <i>C. psittaci</i> , <i>C. abortus</i> , <i>C. felis</i> , <i>C. suis</i> , <i>C. pecorum</i>
	RKV-FRT-100	KleverVet Tularemia PCR Kit	<i>Francisella tularensis</i>
	RKV-HEM-100	KleverVet Hemoplasmosis PCR Kit	<i>Candidatus Mycoplasma haemominutum</i> , <i>Candidatus Mycoplasma turicensis</i> and <i>Mycoplasma haemofelis</i>
	RKV-LPS-100	KleverVet Leptospirosis PCR Kit	<i>Leptospira</i> spp.
	RKV-PM-100	KleverVet Pasteurellosis PCR Kit	<i>Pasteurella multocida</i>
	RKV-SS-100	KleverVet Salmonellosis PCR Kit	<i>Salmonella</i> spp.
	RKV-TRS-100	KleverVet Trichomoniasis PCR Kit	<i>Tritrichomonas foetus</i>
	RKV-YS-100	KleverVet Yersiniosis PCR Kit	<i>Yersinia</i> spp.

Furbearing Animals Infections

Category	Product code	Product name	Pathogen
Parasitic infections	RKV-DIR-100	KleverVet Dirofilaria PCR Kit	<i>Dirofilaria</i> spp.
Viral infections	RKV-ADV-100	KleverVet Aleutian disease virus PCR Kit	Aleutian disease virus or Carnivore amdoparvovirus 1
	RKV-C19-100	KleverVet COVID-19 PCR Kit	SARS-CoV-2
	RKV-RAB-100	KleverVet Rabies virus PCR Kit	Rabies lyssavirus
Bacterial infections	RKV-FRT-100	KleverVet Tularemia PCR Kit	<i>Francisella tularensis</i>
	RKV-LPS-100	KleverVet Leptospirosis PCR Kit	<i>Leptospira</i> spp.
	RKV-PM-100	KleverVet Pasteurellosis PCR Kit	<i>Pasteurella multocida</i>
	RKV-SS-100	KleverVet Salmonellosis PCR Kit	<i>Salmonella</i> spp.

Tick-Borne Infections

Category	Product code	Product name	Pathogen
Mixed infections	RKV-TIC-100	KleverVet Tick-borne diseases PCR Kit	<i>Anaplasma</i> spp., <i>Ehrlichia</i> spp., <i>Borrelia</i> spp., <i>Babesia</i> spp. and Tick-borne encephalitis virus with differentiation
Parasitic infections	RKV-BAB-100	KleverVet Babesiosis PCR Kit	<i>Babesia</i> spp.
Viral infections	RKV-TBEV-100	KleverVet TBEV PCR Kit	Tick-borne encephalitis virus
Bacterial infections	RKV-AES-100	KleverVet Anaplasmosis / Ehrlichiosis PCR Kit	<i>Anaplasma</i> spp., <i>Ehrlichia</i> spp.
	RKV-APH-100	KleverVet Anaplasma phagocytophilum PCR Kit	<i>Anaplasma phagocytophilum</i>
	RKV-BS-100	KleverVet Borreliosis PCR Kit	<i>Borrelia</i> spp.
	RKV-CBU-100	KleverVet Q fever PCR Kit	<i>Coxiella burnetii</i>

Environmental and Water Pathogens

Category	Product code	Product name	Pathogen
Bacterial infections	RKV-HYG-100	KleverVet Hygiene PCR Kit	<i>Bacillus anthracis</i> , <i>Vibrio cholerae</i> , <i>Francisella tularensis</i>
	RKV-LGP-100	KleverVet Legionella pneumophila PCR Kit	<i>Legionella pneumophila</i>
	RKV-VCH-100	KleverVet Vibrio cholerae PCR Kit	<i>Vibrio cholerae</i>
	RKV-YS-100	KleverVet Yersiniosis PCR Kit	<i>Yersinia</i> spp.



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