

**Components DNA**

	Purification Kit	Quantity	Quantity
		48 rxs	96 rxs
Purification Components	Cell Lysis Solution	100 mL	200 mL
	Nuclei Lysis Solution	10 mL	20 mL
	Proteinase K	120 µL	240 µL
	RNase Solution	60 µL	120 µL
	Protein Precipitation Solution	3 mL	6 mL
	Wash Solution	3 mL	6 mL
	DNA Rehydration Solution	1,5mL	3 mL
PCR Components	PCR Premixture	350 µL	700 µL
	DNase /RNase-free Water	500 µL	1000 µL
	PCR Positive Control	10 µL	20 µL
	PCR Negative Control	10 µL	20 µL
	PCR Internal Control	25 µL	50 µL
	Mineral Oil Solution	800 µL	1600 µL
	Brig Molecular Weight Marker	20 µL	40 µL

**Components RNA**

	Purification Kit	Quantity	Quantity
		48 rxs	96 rxs
Purification Components	Cell Lysis Solution	100 mL	200 mL
	RNA Lysis Buffer	10 mL	20 mL
	Wash Solution	3 mL	6 mL
	RNA Rehydration Solution	400 µL	800 µL
PCR Components	RT-PCR Premixture	240 µL	480 µL
	DNase /RNase-free Water	1 mL	2 mL
	Brig Molecular Weight Marker	20 µL	40 µL
	Biotech Transcriptase Solution	55 µL	110 µL
	PCR Premixture	340 µL	50 µL
	PCR Positive Control	10 µL	1600 µL
	PCR Negative Control	10 µL	40 µL
	PCR Internal Control	25 µL	50 µL
	Mineral Oil Solution	1,5mL	3 mL
	Brig RT-PCR Solution	55 µL	110 µL

**ADDITIONAL REQUIRED MATERIALS**

Materials required but not provided by PCR kit

Microcentrifuge and PCR tubes	Disposable gloves, powderless	Pipettes	Sterile pipette tip	Vortex mixer
Centrifuge for microcentrifuge tubes	Thermal cycler	Tube racks	UV transilluminator	Biohazard waste container

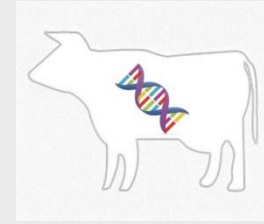


Birds DNA

Product	Code
Avian polyomavirus	RBVET-A001-96D
Aspergillus fumigatus	RBVET-A002-96D
Chicken anemia virus	RBVET-A003-96D
Chlamydomphila psittaci/abortus	RBVET-A004-96D
Clostridium dicile	RBVET-A005-96D
Clostridium perfringens	RBVET-A006-96D
Fusarium sp.	RBVET-A007-96D
Histomonas meleagridis	RBVET-A008-96D
Gallid herpesvirus 1 (Infectious Laryngotracheitis virus)	RBVET-A009-96D
Gallid herpesvirus 2 (Marek`s disease virus)	RBVET-A010-96D
Mycoplasma gallisepticum	RBVET-A011-96D
Psittacine beak and feather disease virus	RBVET-A012-96D
Pigeon circovirus	RBVET-A013-96D
Plasmodium sp.	RBVET-A014-96D
Psittacid herpesvirus 1 (Pacheco`s Disease virus)	RBVET-A015-96D
Trichomonas gallinae	RBVET-A016-96D
Avian poxvirus	RBVET-A017-96D
Falcon adenovirus	RBVET-A018-96D
Salmonella Enteritidis	RBVET-A019-96D
Pasteurella multocida	RBVET-A020-96D
Campylobacter jejuni	RBVET-A021-96D
Listeria monocytogenes	RBVET-A022-96D
Campylobacter coli	RBVET-A023-96D
Ornithobacterium rhinotracheale	RBVET-A024-96D
Borrelia burgdorferi	RBVET-A025-96D
Salmonella sp.	RBVET-A026-96D
Egg Drop Syndrome	RBVET-A027-96D
Goose parvovirus	RBVET-A028-96D
Turkey herpesvirus	RBVET-A029-96D
Avibacterium paragallinarum	RBVET-A030-96D
Candida albicans	RBVET-A031-96D
Enterococcus faecalis	RBVET-A032-96D

Birds RNA

Product	Product
Influenza A virus	RBVET-A001-96R
Avian influenza virus, serotype H5N1	RBVET-A002-96R
Avian influenza virus, serotype H7	RBVET-A003-96R
Avian influenza virus, serotype H9	RBVET-A004-96R
Avian leukosis virus/Rous sarcoma virus	RBVET-A005-96R
Avian paramyxovirus	RBVET-A006-96R
Avian infectious bronchitis virus	RBVET-A007-96R
Infectious bursal disease virus	RBVET-A008-96R
Newcastle disease virus	RBVET-A009-96R
West Nile virus	RBVET-A010-96R
avian metapneumovirus	RBVET-A011-96R
Uukuniemi virus	RBVET-A012-96R
Kemerovo virus	RBVET-A013-96R
Lipovnik virus	RBVET-A014-96R
Avian orthoreovirus	RBVET-A015-96R
Crimean-Congo hemorrhagic fever virus	RBVET-A016-96R
Reticuloendotheliosis virus	RBVET-A017-96R

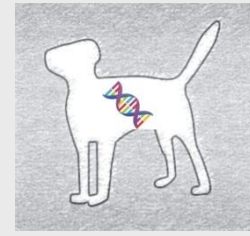


**Bovine DNA**

Product	Code
Anaplasma marginale	RBVET-B001-96D
Babesia bigemina	RBVET-B002-96D
Babesia bovis	RBVET-B003-96D
Bovine herpesvirus 1 (IBR)	RBVET-B004-96D
Bovine herpesvirus 5	RBVET-B005-96D
Brucella abortus	RBVET-B006-96D
Clostridium perfringens	RBVET-B007-96D
Leptospira interrogans	RBVET-B008-96D
Leptospira spp.	RBVET-B009-96D
Listeria monocytogenes	RBVET-B010-96D
Mycobacterium bovis	RBVET-B011-96D
Mycobacterium avium subsp. paratuberculosis	RBVET-B012-96D
Neospora caninum	RBVET-B013-96D
Salmonella sp.	RBVET-B014-96D
Staphylococcus aureus	RBVET-B015-96D
Toxoplasma gondii	RBVET-B016-96D
Mycoplasma mycoides subsp. mycoides small-colony type (SC)	RBVET-B017-96D
Anaplasma centrale	RBVET-B018-96D
Histophilus somni	RBVET-B019-96D
Pasteurella mannheimia haemolytica	RBVET-B020-96D
Besnoitia spp.	RBVET-B021-96D
Theileria lestoquardi	RBVET-B022-96D
Theileria ovis	RBVET-B023-96D
Trypanosoma vivax	RBVET-B024-96D
Trypanosoma evansi	RBVET-B025-96D
Trypanosoma congolense	RBVET-B026-96D
Borrelia burgdorferi	RBVET-B027-96D
Campylobacter coli	RBVET-B028-96D
C. fetus subsp. fetus/venerealis	RBVET-B029-96D
Coxiella burnetti	RBVET-B030-96D
Chlamydia psittaci/abortus	RBVET-B031-96D
Campylobacter jejuni	RBVET-B032-96D
Lumpy skin virus	RBVET-B033-96D

**Bovine RNA**

Product	Code
Bovine coronavirus	RBVET-B001-96R
Bovine leukemia virus	RBVET-B002-96R
Bovine rotavirus A	RBVET-B003-96R
Bovine viral diarrhea virus	RBVET-B004-96R
Bluetongue disease	RBVET-B005-96R
Foot and mouth disease virus (ebre aftosa)	RBVET-B006-96R
Bluetongue virus 1	RBVET-B007-96R
Bluetongue virus 2	RBVET-B008-96R
Bluetongue virus 8	RBVET-B009-96R
Epizootic hemorrhagic disease virus	RBVET-B010-96R
Bovine respiratory syncytial virus	RBVET-B011-96R
Bovine parainfluenza virus 3	RBVET-B012-96R
Crimean-Congo hemorrhagic fever virus	RBVET-B013-96R
Bovine ephemeral fever	RBVET-B014-96R



**Canine DNA**

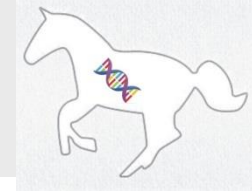
Product	Code
Anaplasma phagocytophilum	RBVET-C001-96D
Anaplasma platys (f. Ehrlichia platys)	RBVET-C002-96D
Babesia canis	RBVET-C003-96D
Babesia gibsoni	RBVET-C004-96D
Brucella canis	RBVET-C005-96D
Bartonella spp.	RBVET-C006-96D
Campylobacter jejuni	RBVET-C007-96D
Canine adenovirus type 1	RBVET-C008-96D
Canine adenovirus type 2	RBVET-C009-96D
Canine minute virus (Parvovirus virus type 1)	RBVET-C010-96D
Canine parvovirus type 2 (CPV-2)	RBVET-C011-96D
Canine herpes virus	RBVET-C012-96D
Chlamydomphila spp.	RBVET-C013-96D
Chlamydomphila psittaci/abortus	RBVET-C014-96D
Clostridium perfringens	RBVET-C015-96D
Dirolaria immitis	RBVET-C016-96D
Ehrlichia spp.	RBVET-C017-96D
Ehrlichia canis	RBVET-C018-96D
Giardia intestinalis (syn. lamblia, duodenalis)	RBVET-C019-96D
Leishmania spp.	RBVET-C020-96D
Leptospira interrogans	RBVET-C021-96D
Leptospira spp.	RBVET-C022-96D
Mycoplasma haemocanis (f. Haemobartonella canis)	RBVET-C023-96D
Mycoplasma sp.	RBVET-C024-96D
Pasteurella multocida	RBVET-C025-96D
Neospora caninum	RBVET-C026-96D
Rickettsia spp.	RBVET-C027-96D
Salmonella spp.	RBVET-C028-96D
Toxoplasma gondii	RBVET-C029-96D
Rickettsia rickettsii	RBVET-C030-96D
Babesia.sp	RBVET-C031-96D
Borrelia burgdorferi	RBVET-C032-96D

**Canine RNA**

Product	Product
Canine Coronavirus	RBVET-C001-96R
Distemper virus	RBVET-C001-96R
Canine Parainf-uenza virus	RBVET-C003-96R
Rabies Virus	RBVET-C004-96R

**Equine DNA**

Product	Code
Babesia caballi	RBVET-E001-96D
Babesia equi	RBVET-E002-96D
Clostridium dicile	RBVET-E003-96D
Equine herpesvirus 1	RBVET-E004-96D
Equine herpesvirus 2	RBVET-E005-96D
Equine herpesvirus 3	RBVET-E006-96D
Equine herpesvirus 4	RBVET-E007-96D
Lawsonia intracellularis	RBVET-E008-96D
Leptospira spp.	RBVET-E009-96D
Rhodococcus equi	RBVET-E010-96D
Salmonella sp	RBVET-E011-96D
Sarcocystis neurona (Equine Protozoal Myeloencephalitis)	RBVET-E012-96D
Streptococcus equi	RBVET-E013-96D
Equine herpesvirus 5	RBVET-E014-96D
Leptospira interrogans	RBVET-E015-96D



**Equine RNA**

Product	Code
Eastern equine encephalitis	RBVET-E001-96R
Equine viral arteritis	RBVET-E002-96R
Equine rotavirus strain H-1	RBVET-E003-96R
Equine infectious anemia virus	RBVET-E004-96R
Venezuelan equine encephalitis	RBVET-E005-96R
Equine infl-uenza virus H3N8	RBVET-E006-96R
Equine in-fluenza virus H7N7	RBVET-E007-96R
West Nile virus	RBVET-E008-96R
Western equine encephalitis	RBVET-E009-96R
Japanese encephalitisvirus	RBVET-E010-96R
Africa horse sickness virus	RBVET-E011-96R
Influenza A virus	RBVET-E012-96R

**Feline DNA**

Product	Code
Anaplasma Platys	RBVET-F001-96D
Bartonella sp.	RBVET-F002-96D
Bartonella henselae	RBVET-F003-96D
Chlamydomphila felis	RBVET-F004-96D
Dirolaria immitis	RBVET-F005-96D
Feline viral rhinotracheitis	RBVET-F006-96D
Feline Panleukopenia Virus	RBVET-F007-96D
Mycoplasma haemofelis (antes Haemobartonella felis)	RBVET-F008-96D
Toxoplasma gondii	RBVET-F009-96D
Campylobacter jejuni	RBVET-F010-96D



**Feline RNA**

Product	Code
Feline Calicivirus	RBVET-F001-96R
Feline immunodeficiency virus	RBVET-F002-96R
Feline leukemia virus	RBVET-F003-96R
Feline coronavirus (Feline infectious peritonitis)	RBVET-F004-96R

**Shrimp DNA**

Product	Code
Penaeus monodon hepatopancreatic parvovirus	RBVET-M001-48D
Infectious hypodermal and hematopoietic necrosis virus	RBVET-M002-48D
Monodon baculovirus	RBVET-M003-48D
Necrotizing hepatopancreatitis bacteria	RBVET-M004-48D
White spot syndrome virus	RBVET-M005-48D
Vibrio parahaemolyticus	RBVET-M006-48D
Rickettsia like bacterial	RBVET-M007-48D
Spawner-isolated mortality virus (SMV)	RBVET-M008-48D
Baculovirus penaei (BP)	RBVET-M009-48D



**Shrimp RNA**

Product	Code
Penaeid shrimp infectious myonecrosis virus	RBVET-M001-48R
Mourilyan virus	RBVET-M002-48R
Penaeus vannamei nodavirus	RBVET-M003-48R
Taura syndrome virus	RBVET-M004-48R
Yellow head virus	RBVET-M005-48R
Gill-associated virus (GAV)	RBVET-M006-48R
Laem-Singh virus (LSNV)	RBVET-M007-48R
Macrobrachium rosenbergii nodavirus (MrNV)	RBVET-M008-48R

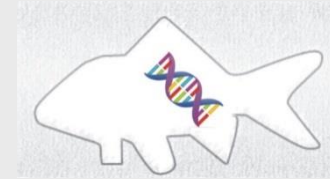
**Ovine DNA**

Product	Code
Anaplasma centrale	RBVET-O001-96D
Theileria annulata	RBVET-O002-96D
Theileria parva	RBVET-O003-96D
Pasteurella mannheimia haemolytica	RBVET-O004-96D
Ovine herpes virus type 2	RBVET-O005-96D
Contagious agalactia-Mycoplasma agalactiae	RBVET-O006-96D
Rickettsia rickettsii	RBVET-O007-96D
Aegyptianella pullorum (babesia pullorum)	RBVET-O008-96D
Theileria sp.	RBVET-O009-96D
Anaplasma ovis	RBVET-O010-96D
Theileria lestoquardi	RBVET-O011-96D
Theileria ovis	RBVET-O012-96D
Trypanosoma vivax	RBVET-O013-96D
Trypanosoma evansi	RBVET-O014-96D
Trypanosoma congolense	RBVET-O015-96D
Babesia ovis	RBVET-O016-96D
Rickettsia prowazekii	RBVET-O017-96D
Anaplasma sp.	RBVET-O018-96D
Babesia sp.	RBVET-O019-96D
Chlamydia psittaci/abortus	RBVET-O020-96D
Coxiella burnetti	RBVET-O021-96D
Campylobacter jejuni	RBVET-O022-96D
C. fetus subsp. fetus/venerealis	RBVET-O023-96D
Contagious ecthyma virus	RBVET-O024-96D
Goat pox virus	RBVET-O025-96D
Sheep pox virus	RBVET-O026-96D



**Ovine RNA**

Product	Code
Peste des petits ruminants virus	RBVET-O001-96R
Epizootic hemorrhagic disease virus	RBVET-O002-96R
Bovine respiratory syncytial virus	RBVET-O003-96R
Crimean-Congo hemorrhagic fever virus	RBVET-O004-96R
Schmallenberg virus	RBVET-O005-96R



**Aquaculture DNA**

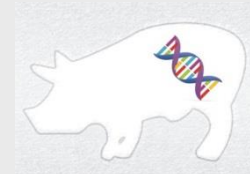
Product	Code
Aeromonas hydrophila	RBVET-P001-96D
Epizootic haematopoietic necrosis virus	RBVET-P002-96D
Flavobacterium columnare	RBVET-P003-96D
Kudoa sp.	RBVET-P004-96D
Nucleospora salmonis	RBVET-P005-96D
Piscirickettsia salmonis	RBVET-P006-96D
Renibacterium salmoninarum	RBVET-P007-96D
Streptococcus phocae	RBVET-P008-96D
Vibrio sp.	RBVET-P009-96D
White spot syndrome virus	RBVET-P010-96D
Yersinia ruckeri	RBVET-P011-96D
Streptococcus iniae	RBVET-P012-96D
Koi herpes virus	RBVET-P013-96D

**Aquaculture RNA**

Product	Code
Infectious pancreatic necrosis virus	RBVET-P001-96R
Infectious salmon anemia virus	RBVET-P002-96R
Nervous necrosis virus	RBVET-P003-96R
Norwalk virus (Norovirus)	RBVET-P004-96R
Salmon pancreas disease virus	RBVET-P005-96R
Viral hemorrhagic septicemia virus	RBVET-P006-96R
Infectious hematopoietic necrosis virus	RBVET-P007-96R
Spring viraemia of carp virus	RBVET-P008-96R
Akabane virus	RBVET-P009-96R

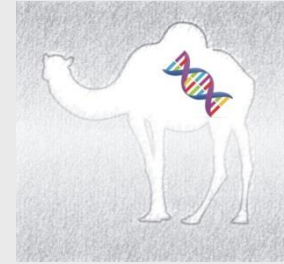
**Porcine DNA**

Product	Code
Actinobacillus pleuropneumoniae	RBVET-S001-96D
Aujeszky's disease virus (suid herpesvirus)	RBVET-S002-96D
Brachyspira hyodysenteriae	RBVET-S003-96D
Brachyspira pilosicoli	RBVET-S004-96D
Haemophilus parasuis	RBVET-S005-96D
Lawsonia intracellularis	RBVET-S006-96D
Leptospira interrogans	RBVET-S007-96D
Leptospira spp.	RBVET-S008-96D
Listeria monocytogenes	RBVET-S009-96D
Mycoplasma hyopneumoniae	RBVET-S010-96D
Mycoplasma suis (Eperythrozoon suis)	RBVET-S011-96D
Pasteurella multocida	RBVET-S012-96D
Porcine circovirus type-2	RBVET-S013-96D
Salmonella spp.	RBVET-S014-96D
African swine fever virus	RBVET-S015-96D
Porcine parvovirus	RBVET-S016-96D
Chlamydophila psittaci/abortus	RBVET-S017-96D
Campylobacter coli	RBVET-S018-96D



**Porcine RNA**

Product	Code
Porcine reproductive and Respiratory syndrome virus	RBVET-S001-96R
Porcine rubulavirus	RBVET-S002-96R
Swine in-uenza virus	RBVET-S003-96R
Porcine epidemic diarrhea virus	RBVET-S004-96R
Classical swine fever virus (hog cholera)	RBVET-S005-96R
Japanese encephalitisvirus	RBVET-S006-96R
Swine vesicular disease virus	RBVET-S007-96R
Influenza A virus	RBVET-S008-96R



Camel **DNA**

Product	Code
Anaplasma centrale	RBVET-CA001-96D
Theileria annulata	RBVET-CA002-96D
Theileria parva	RBVET-CA003-96D
Pasteurella mannheimia haemolytica	RBVET-CA004-96D
Ovine herpes virus type 2	RBVET-CA005-96D
Contigious agalactia-Mycoplasma agalactiae	RBVET-CA006-96D
Rickettsia rickettsii	RBVET-CA007-96D
Aegyptianella pullorum (babesia pullorum)	RBVET-CA008-96D
Theileria sp.	RBVET-CA009-96D
Anaplasma ovis	RBVET-CA010-96D
Theileria lestoquardi	RBVET-CA011-96D
Theileria ovis	RBVET-CA012-96D
Trypanosoma vivax	RBVET-CA013-96D
Trypanosoma evansi	RBVET-CA014-96D
Trypanosoma congolense	RBVET-CA015-96D
Babesia ovis	RBVET-CA016-96D
Rickettsia prowazekii	RBVET-CA017-96D
Anaplasma sp.	RBVET-CA018-96D
Babesia sp.	RBVET-CA019-96D
Chlamydia psittaci/abortus	RBVET-CA020-96D
Coxiella burnetti	RBVET-CA021-96D
Campylobacter jejuni	RBVET-CA022-96D
C. fetus subsp. fetus/venerealis	RBVET-CA023-96D
Contagious ecthyma virus	RBVET-CA024-96D
Goat pox virus	RBVET-CA025-96D
Sheep pox virus	RBVET-CA026-96D

Camel **RNA**

Product	Code
Peste des petits ruminants virus	RBVET-CA001-96R
Epizootic hemorrhagic disease virus	RBVET-CA002-96R
Bovine respiratory syncytial virus	RBVET-CA003-96R
Crimean-Congo hemorrhagic fever virus	RBVET-CA004-96R
Schmallenberg virus	RBVET-CA005-96R