

TrustBio Product List

For Veterinary Infectious Diseases

2023

Product list of the veterinary diagnostic products are manufactured in compliance with the requirements of international standard EN ISO 13485:2016



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1 EZCheck HC VET



Microfluidic Nucleic Acid Test Platform

The EZCheck VET Microfluidic Nucleic Acid Testing Platform comprises microfluidic cassettes, reagents, and a fluorescence analyzer. The patented microfluidic channel design and eLAMP amplification technology enable faster and more accurate molecular detection, capable of simultaneously detecting multiple DNA/RNA targets.

The EZCheck nucleic acid diagnostic kits are designed for use with the EZCheck Analyzer HC Vet to detect animal infectious diseases through Enhanced Loop-mediated Isothermal Amplification (eLAMP). The innovative eLAMP technology and microfluidic cassette design offer user-friendly diagnostic solutions. Pre-filled, free-dried, ready-to-use reagents offer the advantages of a long shelf-life and room temperature transportation and storage.

Features:

Ultra-Fast: It takes 15 minutes from sample to result

Easy to use: No special training required, everyone can handle it as easy as antigen rapid test

High Specificity and sensitivity: >95% of specificity and sensitivity. The sensitivity is 1000x higher than antigen rapid test

Multiplex: Up to 3 DNA/ RNA targets could be detected simultaneously

Compact: Palm sized analyzer with less than 600 g on weight. The analyzer could be powered by the portable power bank which is convenient for users to run tests anywhere, whether on-site or in the clinics.

Pre-loaded Lyophilized reagents: The kits can be transported and stored at room temperature.



One Step Extraction

Cat. No.	Kit Name	Number of preps.	Clinical specimens	Description
RE005003	TrusEX Saliva and Swab Extraction-Free Buffer (1 mL)	48	Whole Blood, Blood Spot, Swabs Feces	One step nucleic acid extraction buffer

Tools / Consumables

Cat. No.	Kit Name	Packing size	Description
CA005011	TrusPure Microtube FC	50	2ml grinding-mix microtube with flat cover
CA005012	TrusPure Microtube DR	50	2ml grinding-mix microtube with dropper head
CA005013	TrusPure Microtube DF	50	2ml grinding-mix microtube with dropper head and filter

Device / Analyzer

Cat. No.	Product Name	Packing size	Description
IN003001	EZCheck HC Vet	1 pc	Microfluidic based molecular test analyzer

Starter Pack



Suitable for demonstration or on-site diagnostic use

Cat. No.	Product Name	Packing size	Description
IN003002	EZCheck HC Vet Starter Pack	1 Set	EZCheck HC Vet Analyzer x 1 Power Core x 1 EZCheck Detection Kit x 1 Hand-held Demo Box x 1





Cat. #	Name	Type	Target	Package
RE003006	EZCheck Cassette Canine Diarrhea Panel	3 in 1	Canine coronavirus Canine parvovirus Giardia	4 cassettes/kit
RE003007	EZCheck Cassette Canine Blood Disorder Panel	3 in 1	Babesia spp. Anaplasma spp. Haemobartonella canis	4 cassettes/kit
RE003008	EZCheck Cassette Canine Respiratory Infection Panel	3 in 1	Canine distemper virus Canine adenovirus Canine parainfluenza virus	4 cassettes/kit
RE003013	EZCheck Cassette Canine Tick-Borne Disease Panel 1	3 in 1	Babesia canis Babesia gibsoni Hepatozoon spp.	4 cassettes/kit
RE003014	EZCheck Cassette Canine Tick-Borne Disease Panel 2	3 in 1	Ehrlichia canis Anaplasma platys Rickettsia rickettsii	4 cassettes/kit
RE003016	EZCheck Cassette Canine coronavirus	Single	Canine coronavirus	4 cassettes/kit
RE003017	EZCheck Cassette Canine parvovirus	Single	Canine parvovirus	4 cassettes/kit
RE003018	EZCheck Cassette Babsia spp.	Single	Babsia spp.	4 cassettes/kit
RE003019	EZCheck Cassette Anaplasma spp.	Single	Anaplasma spp.	4 cassettes/kit
RE003020	EZCheck Cassette Haemobartonella canis	Single	Haemobartonella canis	4 cassettes/kit
RE003021	EZCheck Cassette Canine distemper virus	Single	Canine distemper virus	4 cassettes/kit
RE003022	EZCheck Cassette Canine adenovirus	Single	Canine adenovirus	4 cassettes/kit
RE003023	EZCheck Cassette Canine parainfluenza virus	Single	Canine parainfluenza virus	4 cassettes/kit
RE003024	EZCheck Cassette Feline parvovirus	Single	Feline parvovirus	4 cassettes/kit
RE003039	EZCheck Cassette Borrelia burgdorferi	Single	Borrelia burgdorferi	4 cassettes/kit
RE003041	EZCheck Cassette Leptospira interrogans	Single	Leptospira interrogans	4 cassettes/kit
RE003042	EZCheck Cassette Babesia canis	Single	Babesia canis	4 cassettes/kit
RE003043	EZCheck Cassette Babesia gibsoni	Single	Babesia gibsoni	4 cassettes/kit
RE003044	EZCheck Cassette Hepatozoon spp.	Single	Hepatozoon spp.	4 cassettes/kit
RE003045	EZCheck Cassette Ehrlichia canis	Single	Ehrlichia canis	4 cassettes/kit
RE003046	EZCheck Cassette Anaplasma platys	Single	Anaplasma platys	4 cassettes/kit
RE003047	EZCheck Cassette Rickettsia rickettsii	Single	Rickettsia rickettsii	4 cassettes/kit





Feline

Cat. #	Name	Type	Target	Package
RE003009	EZCheck Cassette Feline Diarrhea Panel	3 in 1	Feline coronavirus Feline parvovirus Giardia	4 cassettes/kit
RE003010	EZCheck Cassette Feline Respiratory Infection Panel	3 in 1	Feline herpesvirus Feline calicivirus Mycoplasma felis	4 cassettes/kit
RE003026	EZCheck Cassette Feline coronavirus	Single	Feline coronavirus	4 cassettes/kit
RE003027	EZCheck Cassette Feline leukemia virus	Single	Feline leukemia virus	4 cassettes/kit
RE003028	EZCheck Cassette Feline herpes virus	Single	Feline herpes virus	4 cassettes/kit
RE003029	EZCheck Cassette Feline calicivirus	Single	Feline calicivirus	4 cassettes/kit
RE003030	EZCheck Cassette Mycoplasma felis	Single	Mycoplasma felis	4 cassettes/kit



Canine & Feline

Cat. #	Name	Type	Target	Package
RE003025	EZCheck Cassette Dirofilaria immitis	Single	Dirofilaria immitis	4 cassettes/kit
RE003032	EZCheck Cassette Salmonella spp.	Single	Salmonella spp.	4 cassettes/kit
RE003033	EZCheck Cassette Toxoplasma gondii	Single	Toxoplasma gondii	4 cassettes/kit
RE003034	EZCheck Cassette Giardia	Single	Giardia duodenalis	4 cassettes/kit



Bird

Cat. #	Name	Type	Target	Package
RE003015	EZCheck Cassette Feather Disease/PDD	3 in 1	Avian polyomavirus Beak and feather disease virus Avian bornavirus	4cassettes/kit
RE003048	EZCheck Cassette Avian polyomavirus	Single	Avian polyomavirus	4cassettes/kit
RE003049	EZCheck Cassette Beak and feather disease virus	Single	Beak and feather disease virus	4cassettes/kit
RE003050	EZCheck Cassette Avian bornavirus	Single	Avian bornavirus	4 cassettes/kit



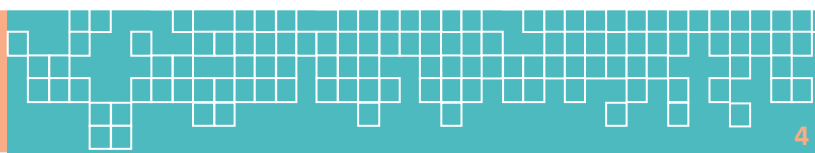
Reptiles

Cat. #	Name	Type	Target	Package
RE003051	EZCheck Cassette Herpervirus	Single	Herpervirus	4 cassettes/kit
RE003052	EZCheck Cassette Salmonella spp.	Single	Salmonella spp.	4 cassettes/kit
RE003053	EZCheck Cassette Poxvirus	Single	Poxvirus	4 cassettes/kit



Aquatic

Cat. #	Name	Type	Target	Package
RE003031	EZCheck Cassette White spot syndrome virus	Single	White spot syndrome virus	4 cassettes/kit





2 TrusIQ

Isothermal Nucleic Acid Test Platform

The TrusIQ diagnostic kits are intended for the detection of animal infectious agents by isothermal LAMP technique. Pre-loaded lyophilized reagents offers user-friendly solutions for diagnostics

Features:

Loop-mediated isothermal amplification (LAMP):

It uses four to six primers to recognize six distinct regions of DNA or RNA Loop primers to accelerate the reaction and increases sensitivity with additional recognition sites

Ultra Fast:

15 minutes from sample to result

Compatible with TrusPure one step extraction

Ready to use:

No buffers or reagents to prepare with no risk of false positive due to incorrect preparation

Compact:

the isothermal nucleic acid detection system has small footprint, with 7” touch panel that users could operate easily

Single Protocol:

one protocol for all pathogen streamlines workflow.



One Step Extraction

Cat. No.	Kit Name	Number of preps.	Clinical specimens	Description
RE005003	TrusEX Saliva and Swab Extraction-Free Buffer (1 mL)	48	Whole Blood, Blood Spot, Swabs Feces	One step nucleic acid extraction buffer

Consumables

Cat. No.	Kit Name	Packing size	Description
CA005011	TrusPure Microtube FC	50	2ml grinding-mix microtube with flat cover
CA005012	TrusPure Microtube DR	50	2ml grinding-mix microtube with dropper head
CA005013	TrusPure Microtube DF	50	2ml grinding-mix microtube with dropper head and filter

Device / Analyzer

Cat. No.	Product Name	Packing size	Description
IN002005	TrusIQ16 Isothermal Nucleic Acid Detection System	1 pc	For detection of 1-16 samples per run





Canine

Cat. #	Name	Target	Package
RE002039	TrusIQ Canine coronavirus Nucleic Acid Detection Assay	Canine coronavirus	48 tests/kit ; single tube
RE002040	TrusIQ Canine parvovirus Nucleic Acid Detection Assay	Canine parvovirus	48 tests/kit ; single tube
RE002041	TrusIQ Babesia spp. Nucleic Acid Detection Assay	Babesia spp.	48 tests/kit ; single tube
RE002042	TrusIQ Anaplasma spp. Nucleic Acid Detection Assay	Anaplasma spp.	48 tests/kit ; single tube
RE002043	TrusIQ Haemobartonella canis Nucleic Acid Detection Assay	Haemobartonella canis	48 tests/kit ; single tube
RE002044	TrusIQ Canine distemper virus Nucleic Acid Detection Assay	Canine distemper virus	48 tests/kit ; single tube
RE002045	TrusIQ Canine adenovirus Nucleic Acid Detection Assay	Canine adenovirus	48 tests/kit ; single tube
RE002046	TrusIQ Canine parainfluenza virus Nucleic Acid Detection Assay	Canine parainfluenza virus	48 tests/kit ; single tube
RE002047	TrusIQ Feline parvovirus Nucleic Acid Detection Assay	Feline parvovirus	48 tests/kit ; single tube
RE002048	TrusIQ Dirofilaria immitis Nucleic Acid Detection Assay	Dirofilaria immitis	48 tests/kit ; single tube
RE002055	TrusIQ Salmonella spp. Nucleic Acid Detection Assay	Salmonella spp.	48 tests/kit ; single tube
RE002056	TrusIQ Toxoplasma gondii Nucleic Acid Detection Assay	Toxoplasma gondii	48 tests/kit ; single tube
RE002057	TrusIQ Giardia Nucleic Acid Detection Assay	Giardia duodenalis	48 tests/kit ; single tube
RE002065	TrusIQ Borrelia burgdorferi Nucleic Acid Detection Assay	Borrelia burgdorferi	48 tests/kit ; single tube
RE002067	TrusIQ Leptospira interrogans Nucleic Acid Detection Assay	Leptospira interrogans	48 tests/kit ; single tube
RE002068	TrusIQ Babesia canis Nucleic Acid Detection Assay	Babesia canis	48 tests/kit ; single tube
RE002069	TrusIQ Babesia gibsoni Nucleic Acid Detection Assay	Babesia gibsoni	48 tests/kit ; single tube
RE002070	TrusIQ Hepatozoon spp. Nucleic Acid Detection Assay	Hepatozoon spp.	48 tests/kit ; single tube
RE002071	TrusIQ Ehrlichia canis Nucleic Acid Detection Assay	Ehrlichia canis	48 tests/kit ; single tube
RE002072	TrusIQ Anaplasma platys Nucleic Acid Detection Assay	Anaplasma platys	48 tests/kit ; single tube
RE002073	TrusIQ Rickettsia rickettsii Nucleic Acid Detection Assay	Rickettsia rickettsii	48 tests/kit ; single tube



Cat. #	Name	Target	Package
RE002048	TrusIQ <i>Dirofilaria immitis</i> Nucleic Acid Detection Assay	<i>Dirofilaria immitis</i>	48 tests/kit ; single tube
RE002049	TrusIQ Feline coronavirus Nucleic Acid Detection Assay	Feline coronavirus	48 tests/kit ; single tube
RE002050	TrusIQ Feline leukemia virus Nucleic Acid Detection Assay	Feline leukemia virus	48 tests/kit ; single tube
RE002051	TrusIQ Feline herpes virus Nucleic Acid Detection Assay	Feline herpesvirus	48 tests/kit ; single tube
RE002052	TrusIQ Feline calicivirus Nucleic Acid Detection Assay	Feline calicivirus	48 tests/kit ; single tube
RE002053	TrusIQ <i>Mycoplasma felis</i> Nucleic Acid Detection Assay	<i>Mycoplasma felis</i>	48 tests/kit ; single tube
RE002055	TrusIQ <i>Salmonella</i> spp. Nucleic Acid Detection Assay	<i>Salmonella</i> spp.	48 tests/kit ; single tube
RE002056	TrusIQ <i>Toxoplasma gondii</i> Nucleic Acid Detection Assay	<i>Toxoplasma gondii</i>	48 tests/kit ; single tube
RE002057	TrusIQ <i>Giardia</i> Nucleic Acid Detection Assay	<i>Giardia duodenalis</i>	48 tests/kit ; single tube


Bird

Cat. #	Name	Target	Package
RE002074	TrusIQ Avian polyomavirus Nucleic Acid Detection Assay	Avian polyomavirus	48 tests/kit ; single tube
RE002075	TrusIQ Beak and feather disease virus Nucleic Acid Detection Assay	Beak and feather disease virus	48 tests/kit ; single tube
RE002076	TrusIQ Avian bornavirus Nucleic Acid Detection Assay	Avian bornavirus	48 tests/kit ; single tube


Reptiles

Cat. #	Name	Target	Package
RE002077	TrusIQ Herpesvirus Nucleic Acid Detection Assay	Herpesvirus	48 tests/kit ; single tube
RE002078	TrusIQ <i>Salmonella</i> spp. Nucleic Acid Detection Assay	<i>Salmonella</i> spp.	48 tests/kit ; single tube
RE002079	TrusIQ Poxvirus Nucleic Acid Detection Assay	Poxvirus	48 tests/kit ; single tube


Aquatic

Cat. #	Name	Target	Package
RE002054	TrusIQ White spot syndrome virus Nucleic Acid Detection Assay	White spot syndrome virus	48 tests/kit ; single tube





3 TrusMQ

Real-Time qPCR Nucleic Acid Test Platform

The TrusMQ Real-time quantitative polymerase chain reaction (qPCR) is a powerful tool for the detection, quantification, and analysis of nucleic acids.

Features:

Ready to use: No buffers or reagents to prepare with no risk of false positive due to incorrect preparation

Increased sensitivity: Real-time qPCR can detect even very low levels of target nucleic acids, making it a highly sensitive technique.

High specificity: Real-time qPCR can be designed to specifically target a particular gene or region of interest, allowing for highly specific detection and analysis.

Rapid results: Real-time qPCR can produce results quickly, often within a matter of hours, allowing researchers to generate data rapidly.

Wide range of applications:

Reduced contamination: Real-time qPCR is performed in a closed-tube system, which reduces the risk of contamination between samples.





Device / Analyzer

Cat. #	Name	Package
IN002006	TrusMQ16-Dual 2 fluorescent channels real-time qPCR System	1 UNIT
IN002010	TrusMQ16-Tetra 4 fluorescent channels real-time qPCR System	1 UNIT



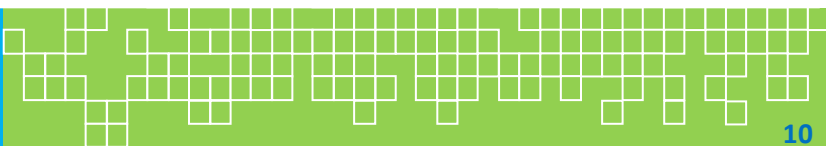
TrusMQ Detection Kit



Canine



Cat. #	Name	Target	Package
RE002080	Canine Parvovirus Nucleic Acid Detection Kit	Canine Parvovirus	10 tests/kit; single tube
RE002081	Canine Coronavirus Nucleic Acid Detection Kit	Canine Coronavirus	10 tests/kit; single tube
RE002082	Canine Distemper virus Nucleic Acid Detection Kit	Canine Distemper virus	10 tests/kit; single tube
RE002083	Canine Parainfluenza Virus Nucleic Acid Detection Kit	Canine Parainfluenza Virus	10 tests/kit; single tube
RE002084	Canine Adenovirus type I Nucleic Acid Detection Kit	Canine Adenovirus type I	10 tests/kit; single tube
RE002085	Canine Adenovirus type II Nucleic Acid Detection Kit	Canine Adenovirus type II	10 tests/kit; single tube
RE002086	Leptospira Canis Nucleic Acid Detection Kit	Leptospira Canis	10 tests/kit; single tube
RE002087	Toxoplasma Gondii Nucleic Acid Detection Kit	Toxoplasma Gondii	10 tests/kit; single tube
RE002088	Babesia Canis Nucleic Acid Detection Kit	Babesia Canis	10 tests/kit; single tube
RE002089	Rabies Virus Nucleic Acid Detection Kit	Rabies Virus	10 tests/kit; single tube
RE002090	Brucella Nucleic Acid Detection Kit	Brucella	10 tests/kit; single tube
RE002091	Canine Parvovirus Virus/ Canine Coronavirus Nucleic Acid Detection Kit	Canine Parvovirus Virus/ Canine Coronavirus	10 tests/kit; single tube
RE002092	Canine Distemper /Canine Parvovirus Virus Nucleic Acid Detection Kit	Canine Distemper /Canine Parvovirus Virus	10 tests/kit; single tube
RE002093	Canine Distemper/Canine Parainfluenza Nucleic Acid Detection Kit	Canine Distemper/Canine Parainfluenza	10 tests/kit; single tube
RE002094	Canine Distemper/Canine Adenovirus II Nucleic Acid Detection Kit	Canine Distemper/Canine Adenovirus II	10 tests/kit; single tube
RE002095	Leptospira/Toxoplasma Gondii Nucleic Acid Detection Kit	Leptospira/Toxoplasma Gondii	10 tests/kit; single tube
RE002096	Leptospirosis/Toxoplasma/Babesia Nucleic Acid Detection Kit	Leptospirosis/Toxoplasma/Babesia	10 tests/kit; single tube
RE002097	Canine Distemper / Canine Parainfluenza / Canine Adenovirus Type II / Bordetella Bronchiseptica Nucleic Acid Detection Kit	Canine Distemper / Canine Parainfluenza / Canine Adenovirus Type II / Bordetella Bronchiseptica	10 tests/kit; single tube
RE002098	Canine Distemper/Canine Adenovirus Type I/Canine Adenovirus Type II/Canine Parvovirus Virus/Canine Coronavirus Nucleic Acid Detection Kit	Canine Distemper/Canine Adenovirus Type I/Canine Adenovirus Type II/Canine Parvovirus Virus/Canine Coronavirus	10 tests/kit; single tube



Cat. #	Name	Target	Package
RE002099	Feline Coronavirus Nucleic Acid Detection Kit (lyophilized / PCR fluorescent probe method)	Feline Coronavirus (lyophilized / PCR fluorescent probe method)	10 tests/kit ; single tube
RE002100	Feline Calicivirus Nucleic Acid Detection Kit	Feline Calicivirus	10 tests/kit ; single tube
RE002101	Feline Panleukopenia Virus Nucleic Acid Detection Kit	Feline Panleukopenia Virus	10 tests/kit ; single tube
RE002102	Feline Herpes Virus Nucleic Acid Detection Kit	Feline Herpes Virus	10 tests/kit ; single tube
RE002103	Mycoplasma Feline Nucleic Acid Detection Kit	Mycoplasma Feline	10 tests/kit ; single tube
RE002104	Mycoplasma Feline Nucleic Acid Detection Kit	Mycoplasma Feline	10 tests/kit ; single tube
RE002105	Feline Immunodeficiency Nucleic Acid Detection Kit	Feline Immunodeficiency	10 tests/kit ; single tube
RE002106	Feline Leukemia Virus Nucleic Acid Detection Kit	Feline Leukemia Virus	10 tests/kit ; single tube
RE002107	Bordetella Bronchiseptica Nucleic Acid Detection Kit	Bordetella Bronchiseptica	10 tests/kit ; single tube
RE002108	Feline Infectious Peritonitis Nucleic Acid Detection Kit	Feline Infectious Peritonitis	10 tests/kit ; single tube
RE002109	Cat Hansel Bartonella Nucleic Acid Detection Kit	Cat Hansel Bartonella	10 tests/kit ; single tube
RE002110	Toxoplasma Gondii Nucleic Acid Detection Kit	Toxoplasma Gondii	10 tests/kit ; single tube
RE002111	Giardia Nucleic Acid Detection Kit	Giardia	10 tests/kit ; single tube
RE002112	Cryptosporidium Nucleic Acid Detection Kit	Cryptosporidium	10 tests/kit ; single tube
RE002113	Tritrichomonas Fetus Nucleic Acid Detection Kit	Tritrichomonas Fetus	10 tests/kit ; single tube
RE002114	Feline Panleukopenia/ Feline Corona Nucleic Acid Detection Kit	Feline Panleukopenia/ Feline Corona	10 tests/kit ; single tube
RE002115	Feline Herpes/Feline Calicivirus Nucleic Acid Detection Kit	Feline Herpes/Feline Calicivirus	10 tests/kit ; single tube
RE002116	Mycoplasma Feline / Chlamydia Feline Nucleic Acid Detection Kit	Mycoplasma Feline / Chlamydia Feline	10 tests/kit ; single tube
RE002117	Feline leukemia/ Feline Immunodeficiency Nucleic Acid Detection Kit	Feline leukemia/ Feline Immunodeficiency	10 tests/kit ; single tube
RE002118	Feline Infectious Peritonitis/Feline leukemia Nucleic Acid Detection Kit	Feline Infectious Peritonitis/Feline leukemia	10 tests/kit ; single tube
RE002119	Toxoplasma Felis / Hanseatic Bartonella Felis Nucleic Acid Detection Kit	Toxoplasma Felis / Hanseatic Bartonella Felis	10 tests/kit ; single tube
RE002120	Giardia / Tritrichomonas Fetus Nucleic Acid Detection Kit	Giardia / Tritrichomonas Fetus	10 tests/kit ; single tube
RE002121	Feline Herpes / Feline Calicivirus / Mycoplasma/Chlamydia Nucleic Acid Detection Kit	Feline Herpes / Feline Calicivirus / Mycoplasma/Chlamydia	10 tests/kit ; single tube
RE002122	Feline Herpes/leukemia/Immune Deficiency/ Calicivirus Nucleic Acid Detection Kit	Feline Herpes/leukemia/Immune Deficiency/ Calicivirus	10 tests/kit ; single tube
RE002123	Feline Herpes/Feline Calicivirus/Mycoplasma/Chlamydia/ Bordetella Nucleic Acid Detection Kit	Feline Herpes/Feline Calicivirus/Mycoplasma/Chlamydia/ Bordetella	10 tests/kit ; single tube