



KadieCheck® Pro Max

Your Ideal On-site Real-time
qPCR Solution for Livestock and
Aquaculture



KadieCheck® Automated Magnetic Nucleic Acid Extraction



Pre-filled Extraction Cartridge
(ready to used, single package)

NAE 2 Plus

- ★ Technical Principle: Magnetic bead method
- ★ sample:4
- ★ Extraction Time≈ 4-12mins
- ★ Recovery rate of magnetic beads> 96%
- ★ Contamination Control: Ultraviolet disinfection

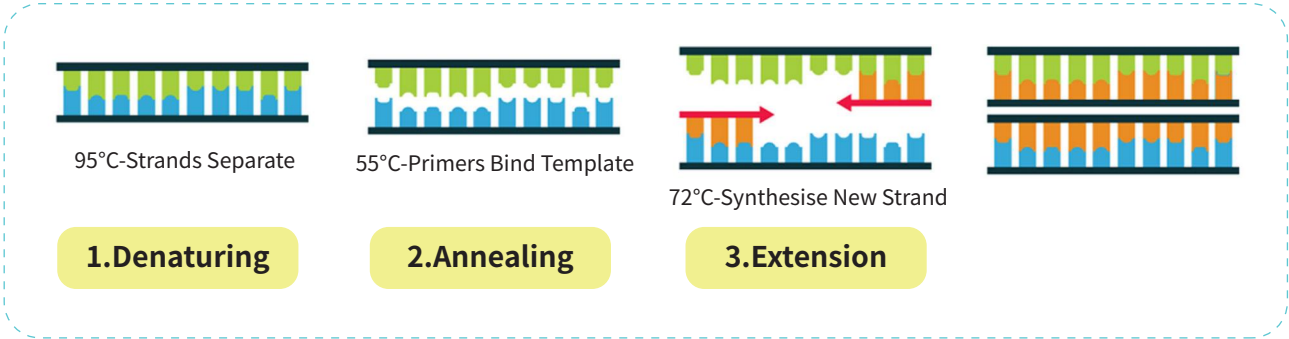


NAE-16

- ★ Technical Principle: Magnetic bead method
- ★ sample:1-16
- ★ Extraction Time≈ 4-12mins
- ★ Recovery rate of magnetic beads> 96%
- ★ Contamination Control: Ultraviolet disinfection

KadieCheck® Automatic in-house real-time qPCR system polymerase chain reaction with combination technology of magnetic beads and tagman qPCR method

PCR Process(One Cycle)

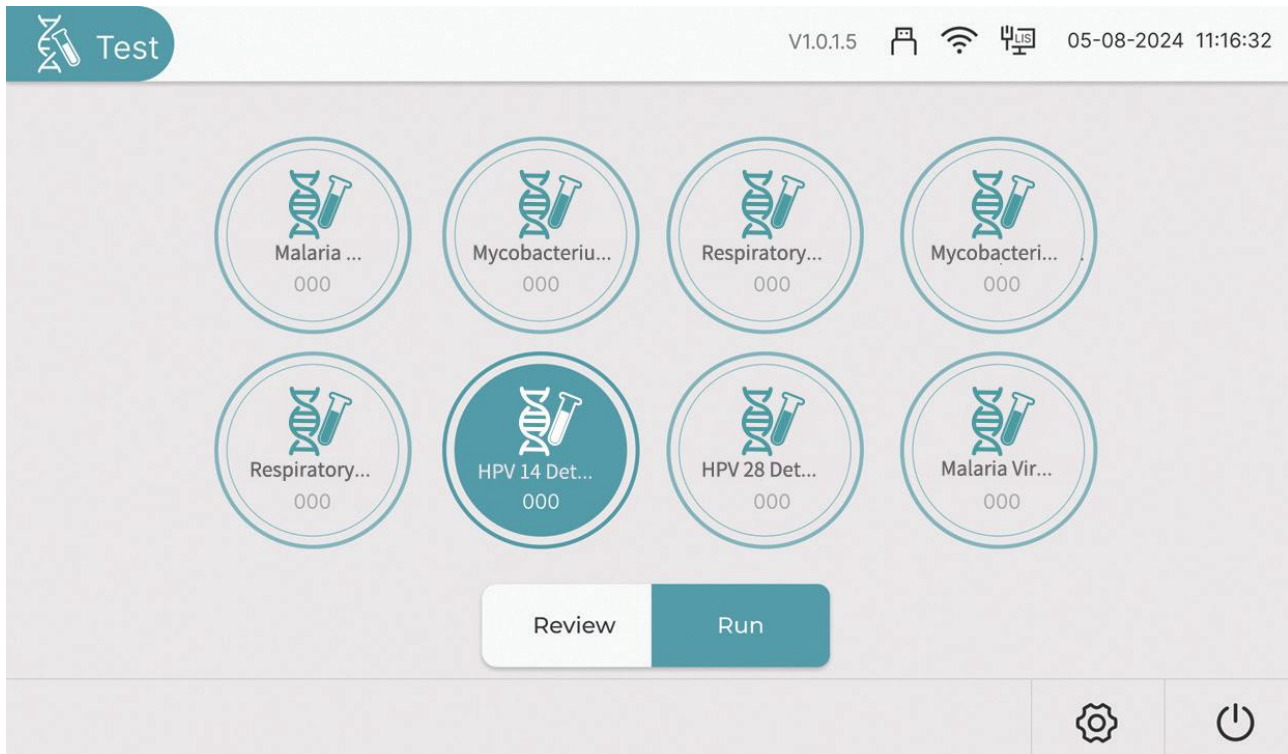


KadieCheck® Pro Max qPCR System



Specification	KadieCheck®Pro Max qPCR
Detection Throughput	16 sample
Fluorescent Channel	FAM、HEX、Texas、Cy5
Display Screen	7 inch full color touch screen

One Touch Operation (Pre-set test items)



Best Accuracy

KadieCheck® qPCR can detect even low levels of DNA or RNA in a sample, making it an ideal tool for detecting early stage infections or diseases even before the symptoms onset.



Quantification

KadieCheck® qPCR uses a combination of magnetic nucleic acid extraction (MNAE) and Taqman qPCR technology; TaqMan qPCR technology is widely recognized as one of the gold standards for pathogen detection and confirmation.



Speed and Efficiency

KadieCheck PCR is a super easy real-time qPCR system which can run PCR test on a small table but not in a special operation room. Getting gold standard result within 1 hour, eliminates the pain point of waiting for several days to get report from third-party.



Gold standard

KadieCheck® systems can accurately measure the amount of DNA or RNA present in a sample, providing information on the severity of the disease or infection. This is especially useful for monitoring disease progression and treatment efficacy, which can save money by allowing for more targeted and effective treatments.

LyoGene Test Kit Package



Pre-filled extraction cartridge (24 tests)



24 test/kit



Magnetic rod cover



Lyophilized qPCR test kits (24 tests)

- 01 No More** cold chain Delivery
- 02 No More** Expensive freezer for PCR kit
- 03 No More** worries for the storage of PCR kit
- 04 No More** complex pipetting for extraction
- 05 No More** operation mistake on the complex and precise extraction procedures

bifour
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Aquaculture

Category	Test Menu	Specifications
Shrimp	White Spot Syndrome Virus (WSSV)	8/24/48 Tests/kit
	Early Mortality Syndrome (EMS) Detection Kit	8/24/48 Tests/kit
	Taura Syndrome Virus (TSV) Detection Kit	8/24/48 Tests/kit
	Infectious Myonecrosis Virus (IMNV)	8/24/48 Tests/kit
	Yellow Head Virus (YHV) Detection Kit	8/24/48 Tests/kit
	Enterocytozoon Hepatopenaei (EHP)	8/24/48 Tests/kit
	Decapod Iridescent Virus (DIV1)	8/24/48 Tests/kit
	Necrotizing Hepatopancreatitis (NHPB)	8/24/48 Tests/kit
	3in1 :Vp+AHPND+EHP	8/24/48 Tests/kit
	3in1 Combo: Vp+HLV+EHP	8/24/48 Tests/kit
	3in1 Combo: WSSV+AHPND+EHP	8/24/48 Tests/kit
	4in1 Combo: VP+HLV+DIV1+AHPND	8/24/48 Tests/kit
	Shrimp Multi 8 Panel: Vp+HLV+DIV1+AHPND+EHP+Vh+WSSV+IHNV	8/24/48 Tests/kit
Fish	Columnaris (Fc) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Aeromonas hydrophila (Ah) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Vibrio alginolyticus (Av) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Edwardsiella (Eds) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Streptococcus agalactiae (Sa) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Dolphin Streptococcus (Si) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Acute Hepatopancreatic Necrosis Disease (AHPND) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Vibrio vulnificus (Vv) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Vibrio alginolyticus (Va) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Vibrio harveyi (Vh) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Vibrio parahaemolyticus (Vp) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Highly Pathogenic Vibrio (HLV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Elizabethkingia miricola (Em) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Salmon Kidney Rod (RS) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Salmon Rickettsia (PS) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Total Vibrio Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Total Vibrio/Total Bacteria Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Aspergillus (Ai) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Infectious Hypodermal and Hematopoietic Necrosis Virus (IHNV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Largemouth Bass Virus (MSRV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Viral Nervous Necrosis Virus (VNNV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Largemouth Bass Iridovirus (LMBV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Mandarin Fish Rhabdovirus (SCRV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Frog Iridovirus (FV3) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Infectious Spleen and Kidney Necrosis Virus (ISKNV) Fluorescent PCR Test Kit (Dry Type)	8/24/48 Tests/kit
	Infectious Pancreatic Necrosis Virus (IPNV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Siniperca chuatsi Rhabdovirus (HSHRV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Mandarin Fish Frog Iridovirus (MRV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Koi Herpesvirus (KHV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Carp Herpesvirus Type 2 (CyHV2) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Carp Spring Viremia Virus (SVCV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Viral Hemorrhagic Septicemia Virus (VHSV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Channel Catfish Virus (CCV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Grass Carp Reovirus II (GCRV2) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Yellow Catfish Cup-Shape Virus (YCCV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Carp Edema Virus (CEV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Mandarin Fish Bi-segmented RNA Virus (SCBV) Fluorescent PCR Test Kit	8/24/48 Tests/kit
	Mandarin Fish Four-item Fluorescent PCR Test Kit (Mandarin Fish Frog Iridovirus (MRV), Viral Nervous Necrosis Virus (VNNV), Rhabdovirus (SCRV), Infectious Spleen and Kidney Necrosis Virus (ISKNV))	8/24/48 Tests/kit
	Bass Four-item Fluorescent PCR Test Kit (Largemouth Bass Iridovirus (LMBV), Viral Nervous Necrosis Virus (VNNV), Rhabdovirus (SCRV), Infectious Spleen and Kidney Necrosis Virus (ISKNV))	8/24/48 Tests/kit
	Siniperca chuatsi Four-item Fluorescent PCR Test Kit (Siniperca chuatsi Rhabdovirus (HSHRV), Aspergillus (Ai), Fish Nocardia (Noc), Viral Nervous Necrosis Virus (VNNV))	8/24/48 Tests/kit

Swine

Category	Test Menu	Specifications
SWINE	Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)	8/24/48 Tests/kit
	Porcine Reproductive and Respiratory Syndrome Virus – American/European strain/NADC30/NADC34 - Quad Multiplex qPCR Test	8/24/48 Tests/kit
	Porcine Reproductive and Respiratory Syndrome Virus – European and American strains (PRRSV-NA/EU) - Dual qPCR Test	8/24/48 Tests/kit
	Porcine Epidemic Diarrhea Virus (PEDV)	8/24/48 Tests/kit
	Pseudorabies Virus gE gene (PPRV-gE)	8/24/48 Tests/kit
	Classical Swine Fever Virus (CSFV)	8/24/48 Tests/kit
	Porcine Circovirus 2 (PCV2)	8/24/48 Tests/kit
	Porcine Rotavirus A (RVA) aPCR Test	8/24/48 Tests/kit
	Transmissible Gastroenteritis Virus (TGEV)	8/24/48 Tests/kit
	African Swine Fever Virus (ASFV)	8/24/48 Tests/kit
	Foot-and-Mouth Disease Virus – General type (FMDV)	8/24/48 Tests/kit
	Porcine Delta Coronavirus (PDCoV)	8/24/48 Tests/kit
	Porcine Parvovirus (PPI) qPCR Test	8/24/48 Tests/kit
	Rotavirus A (RVA) / Porcine Epidemic Diarrhea Virus (PEDV)	8/24/48 Tests/kit
	Porcine Epidemic Diarrhea Virus (PEDV) / Transmissible Gastroenteritis Virus (TGEV) Dual qPCR test	8/24/48 Tests/kit
	PEDV / TGEV / RVA / PDCoV Quad qPCR test	8/24/48 Tests/kit
	PEDV / TGEV / RVA triple qPCR Test	8/24/48 Tests/kit
	Streptococcus suis Type 2 (SS2) qPCR Test	8/24/48 Tests/kit
	Porcine Circovirus Type 3 (PCV3)	8/24/48 Tests/kit
	PRRSV quadruple A (American strain, highly pathogenic strain, NADC30-like, NADC34-like)	8/24/48 Tests/kit
	PCV2/PCV3 dual qPCR Test	8/24/48 Tests/kit
	Swine Influenza H1N1 qPCR Test	8/24/48 Tests/kit
	Mycoplasma qPCR test	8/24/48 Tests/kit
	Actinobacillus pleuropneumoniae qPCR test	8/24/48 Tests/kit
	Pseudorabies Virus gE gene (PPRV-gE) qPCR test	8/24/48 Tests/kit
	Toxoplasmosis qPCR Test	8/24/48 Tests/kit
	Mycobacterium tuberculosis qPCR Test	8/24/48 Tests/kit
	Porcine genetic material qPCR Test	8/24/48 Tests/kit

Avian

Category	Test Menu	Specifications
Avian	Influenza A Virus/ Fowl Adenovirus Type C4/Fowl Adenovirus Type 8b/Fowl Adenovirus Type D11 Detection Kit	8/24/48 Tests/kit
	Influenza A Virus/ H5H7H9 Detection Kit	8/24/48 Tests/kit
	Avian Reovirus Infection/Escherichia Coli/ Staphylococcus Aureus/Mycoplasmasynoviae/ Mycoplasma Detection Kit	8/24/48 Tests/kit
	Avian Campylobacter Hepatitis/Pasteurella Multocida/ Salmonella/Avian Hepatitis E Virus	8/24/48 Tests/kit
	Mycoplasma Gallisepticum/Avian Infectious Bronchitis/ Infectious Laryngotracheitis Virus/Newcastle Disease Virus Detection Kit	8/24/48 Tests/kit
	Avian Campylobacter Hepatitis/Pasteurella Multocida/ Salmonella/Avian Hepatitis E Virus	8/24/48 Tests/kit
	Salmonella Mycoplasma gallisepticum (MG)	8/24/48 Tests/kit
	Mycoplasma synoviae (MS)	8/24/48 Tests/kit
	Infectious Bronchitis Virus (IBV)	8/24/48 Tests/kit
	Avian Reovirus (ARV)	8/24/48 Tests/kit
	H5 Avian Influenza Virus	8/24/48 Tests/kit
	H7 Avian Influenza Virus	8/24/48 Tests/kit
	H9 Avian Influenza Virus	8/24/48 Tests/kit
	Universal Avian Influenza Virus	8/24/48 Tests/kit

BOVINE

Category	Test Menu	Specifications
BOVINE	Bovine Respiratory System Infections (6 Panel) Bovine virus diarrhea virus, Bovine coronavirus, Bovine parainfluenza virus type 3, Bovine respiratory syncytial virus, Bovine herpesvirus type 1, Mannheimia haemolytica, Pasteurella multocida, Mycoplasma bovis.	8/24/48 Tests/kit
	Bovine Flu Syndrome (8 Panel) Infectious bovine rhinotracheitis, Bovine adenovirus type 4, Neospora caninum, Leptospira interrogans, Campylobacter fetus, Bovine herpesvirus type 1, Clostridium chauvoei, Bovine viral diarrhea virus (BVDV).	8/24/48 Tests/kit
	Bovine Digestive System Infections (6 Panel) Cryptosporidium parvum, Rotavirus, Coronavirus, Enterotoxigenic Escherichia coli (ETEC) - K99 strain, Clostridium spp., Giardia spp., Mycobacterium avium subsp. paratuberculosis.	8/24/48 Tests/kit
	Bovine Gastrointestinal Infections (5 Panel) Rotavirus, Coronavirus, Enterotoxigenic Escherichia coli (ETEC) - K99 strain, Cryptosporidium parvum, Clostridium spp.	8/24/48 Tests/kit
	Bovine Mastitis 16-Item Panel: Contagious Pathogens: Staphylococcus aureus, Streptococcus agalactiae, Mycoplasma bovis, Corynebacterium bovis, Mycoplasma spp.; Environmental Pathogens: Staphylococcus spp., Escherichia coli, Klebsiella spp., Prototheca spp., Streptococcus dysgalactiae, Streptococcus uberis, Trueperella pyogenes, Serratia marcescens, Yeast, Enterococcus spp.; Resistance Gene: β -lactamase resistance gene.	8/24/48 Tests/kit
	Bovine Mastitis 12-Item Panel: Staphylococcus aureus, Staphylococcus spp., Streptococcus agalactiae, Streptococcus dysgalactiae, Streptococcus uberis, Escherichia coli, Enterococcus spp., Klebsiella spp., Serratia marcescens, Corynebacterium bovis, Trueperella pyogenes, β -lactamase gene.	8/24/48 Tests/kit
	Bovine Mastitis 8-Item Panel: Staphylococcus aureus, Escherichia coli, Mycoplasma bovis, Klebsiella spp., Streptococcus agalactiae, Mycoplasma spp., Staphylococcus spp., Streptococcus uberis.	8/24/48 Tests/kit
	Bovine Mastitis 4-Item Panel-1: Staphylococcus aureus, Streptococcus agalactiae, Mycoplasma bovis, Streptococcus dysgalactiae.	8/24/48 Tests/kit
	Bovine Mastitis 4-Item Panel-2: Staphylococcus aureus, Streptococcus agalactiae, Mycoplasma bovis, Mycoplasma spp..	8/24/48 Tests/kit
	Bovine Paratuberculosis (MPB) Fluorescent PCR Detection Kit	8/24/48 Tests/kit
	Bovine Viral Diarrhea Virus (BVDV)	8/24/48 Tests/kit
	Bovine Herpesvirus Type 1 (BHV-1)	8/24/48 Tests/kit
	Bovine Parainfluenza Virus Type 3 (BPIV-III)	8/24/48 Tests/kit