



Thunderbolt 9

Nucleic Acid Rapid Detection System

Aquaculture and Husbandry Application

Shrimps



Fish



Birds



Pork



Bovid



Sheep



Horse



Other



About Us

Sniper is committed to providing fast, sensitive, accurate and intelligent molecular diagnostic solutions to health care and agriculture via continuous technological innovation. Based on patented VibroJect® technology, Sniper launched the all in one automation digital PCR system, digital immune system and the nucleic acid rapid detection system all include in the digital detection platform. With experience and efforts in engineering and industrialization, Sniper have established precision machining manufacturing, R&D center, molecular biology laboratory and GMP plant, as well as the ability to innovate, develop, manufacture and provide total solutions for detection devices.

Thunderbolt 9 Nucleic Acid Rapid Detection System

Thunderbolt 9 nucleic acid rapid detection system is a compact and portable nucleic acid detection system, based on qPCR technology and provide accuracy and stable results in 15min. With the lyophilized detection reagent, the Thunderbolt 9 could be used in the detection of transgenic and pathology of the species like shrimp, fish etc.

Advantage



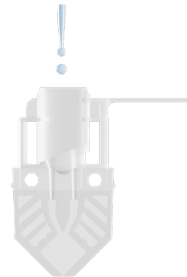
Easy to Storage and Transport

- Stable at room temperature
- Shelf life over 2 years
- Easy to transport, store with reducing costs



Convenient to Operation

- Premixed reagent system
- Easy to operate
- Pipetting Free



High Specificity and Sensitivity

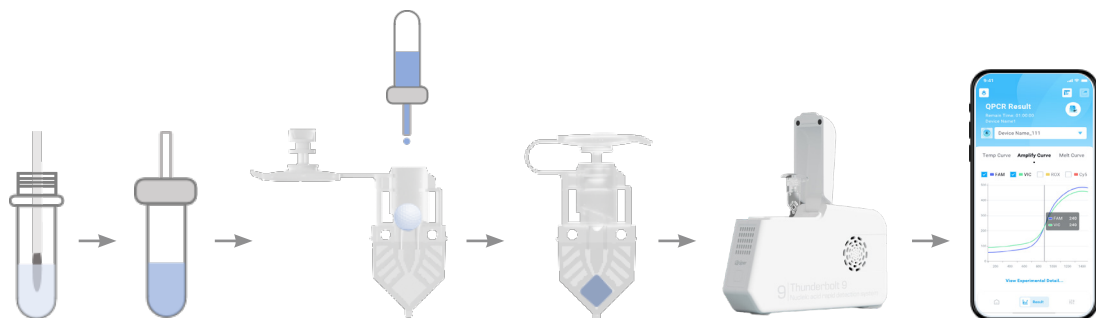
- Based on qPCR probe system
- With high specificity and sensitivity



Multiple Detection

- 4 Channel
- 16 units workstation

Operations



Related Products



Shrimps

Product List

Package

White spot syndrome virus, WSSV	48T/24T
Infectious hypodermal and hematopoietic necrosis, IHHN	48T/24T
Enterocytozoon hepatopenaei Infection, EHP	48T/24T
Taura Syndrome Virus, TSV	48T/24T
Yellow head disease, YHV	48T/24T
Early mortality syndrome, EMS	48T/24T
Infectious myonecrosis, IMN	48T/24T
Decapod iridescent virus disease, DIV	48T/24T
Whitish muscle diseases of Macrobrachium Rosenbergii	48T/24T
Baculoviral midgut gland necrosis virus, BMNV	48T/24T
Vibrio parahaemolyticus, Vp	48T/24T
Penaeus monodon-type baculovirus disease	48T/24T
Hepatopancreatic parvo virus disease, HPVD	48T/24T



Fish

Product List

Package

Infectious spleen and kidney necrosis virus, ISKNV	48T/24T
Ranavirus	48T/24T
Grouper iridovirus	48T/24T
Channel catfish virus disease, CCVD	48T/24T
Megalocytivirus	48T/24T
Red-spotted grouper nervous necrosis virus, RGNNV	48T/24T
Siniperca chuatsi ranavirus, SCRIV	48T/24T
Infection with viral haemorrhagic septicaemia virus	48T/24T
Grass carp hemorrhagic virus, GCHV	48T/24T
Streptococcus iniae	48T/24T
Edwardsiella piscicida	48T/24T
Nocardia seriolae	48T/24T



Product List

Package

Avian influenza	48T/24T
Newcastle disease virus	48T/24T
Avian metapneumovirus	48T/24T
Avian leukosis	48T/24T
Infectious bursal disease virus, IBDV	48T/24T
African swine fever	48T/24T
Infection with classical swine fever virus, CSF	48T/24T
Porcine reproductive and respiratory syndrome, PRRS	48T/24T
Pseudorabies virus	48T/24T
Foot-and-mouth disease virus, FMDV	48T/24T
Mycobacterium bovis	48T/24T
Brucellosis	48T/24T
Goat poxvirus	48T/24T
Equine piroplasmosis, EP	48T/24T

Technical Specifications

Instrument Model	Thunderbolt 9
Dimensions	185mm×39mm×105mm
Weight	0.45kg
Power Supply	PD3.0 20V(DC) 3A
Temperature Control	Heating at 12.5° C/s
Detection Channels	4Channels: FAM/VIC/ROX/CY5
Light Source	Maintenance-free LED light source
Detector	High-sensitivity photodiode
Detection Sensitivity	200cp/ml
Lyophilized Reagent	Stored at ambient; shelf life of 2 years

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